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A List of Published and Processed Reports

October 1955-56

Research in

foods
human nutrition and
home economics at the
land-grant institutions

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service ARS-23-5

EXPLANATORY NOTE

This compilation presents a list of printed and processed reports, from October 1955 to October 1956, of research in Home Economics and related areas at the Land-Grant Institutions. The material has been organized by states. It is further classified according the major emphasis into the following areas: Family and Food Economics; Family Life and Child Development; Family Relationships; Food Composition and Nutritive Value; Food Preparation and Utilization; Food Processing; Food Quality; Home and Institutional Management; Home Economics Education; Household Equipment; Housing; Nutrition and Diet; Textiles and Clothing; and Miscellaneous.

Reference to joint reports of regional cooperative research carry notations as to station and U.S.D.A. cooperation.

Requests for State Agricultural Experiment Station publications may be directed to the station concerned. For convenience, post office addresses of the Stations are given on page i.

Christine Justin
Georgian Adams

State Experiment Stations Division
Agricultural Research Service
United States Department of Agriculture

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ALABAMA

Nutrition and Diet

Burns, M. J. and Ackerman, C. J.
Effect of dietary choline, methionine, and vitamin B_{12} on weight and composition of eggs. Soc. Exptl. Biol. & Med. Proc. 89(3): 420-421. 1955.

Burns, M. J. and Salmon, W. D.
Effect of dietary cobalt on growing chicks and rats. J. Agr. & Food Chem. 4(3): 257-259. 1956.

Copeland, D. H., Salmon, W. D. and Burns, M. J.
Transplantation of cholangiofibrosis lesion from liver of chronic choline-deficient rat. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 547. 1956.

Hernden, J. F. and Hove, E. L.
Surgical removal of the cecum and its effect on digestion and growth in rabbits. J. Nutr. 57(2): 261-270. 1955.

Sauberlich, H. E.
Amino acid imbalance as related to methionine, isoleucine, threonine and tryptophan requirement of the rat or mouse. J. Nutr. 59(3): 353-370. 1956.

Sauberlich, H.E. and Guroff, G.
Microbiological studies on aspartic acid metabolism. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 346. 1956.

ARIZONA

Family and Food Economics

Seltzer, R. E.
Consumer preferences for beef. Arizona Agr. Expt. Sta. Bul. 267. 22 p. 1955.

Seltzer, R. E.
T-bone or hamburger? You'll be surprised at what turned up in this survey on consumer preference for beef. Arizona Agr. Expt. Sta. Progr. Agr. in Arizona 7(3): 12. 1955.

ARIZONA (continued)

Food Composition and Nutritive Value

Raica, N., Heimann, J. and Kemmerer, A. R.
Amino acid proportions in food proteins compared to proportions utilized in rat growth. J. Agr. & Food Chem. 4(8): 704-707. 1956.

Housing

Bennion, M. P., Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr. Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Calif., Colo., Mont., Utah and Wash. Agr. Expt.Stas. and USDA)

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M. P.
Space required to store food in western farm kitchens. Utah Agr. Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Calif., Colo., Mont., Utah and Wash. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Thompson, E. M.
Home economics school studies vitamin C requirements. Prog. Agr. in Arizona (Arizona Agr. Expt. Sta.) 8(3): 12. Fall 1956.

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt.Sta. Bul. 343, 44 p. 1956. (Coop: Calif., Colo., Idaho, Mont., N. M., Ore., Utah and Wash. Agr. Expt. Stas. and USDA)

Miscellaneous

Progress reports in Research Progress, A special report covering the period from Jan.1, 1955 through Dec.31, 1955. (Arizona Agr. Expt. Sta.): 1-2, 58, 59. (1956).

ARKANSAS

Family and Food Economics

Sure, B.
The critical world food situation. Amer. J. Clin. Nutr. 4(3): 211-223. 1956.

ARKANSAS (continued)

Food Composition and Nutritive Value

Fleming, J. W.
Factors influencing the mineral content of snap beans, cabbage, and sweet potatoes. Arkansas Agr. Expt. Sta. Bul. 575, 14 p. 1956.

Kik, M. C.
Influence of processing on nutritive value of milled rice. J. Agr. & Food Chem. 3(7): 600-603. 1955.

Kik, M. C.
Nutritional improvement of rice. Amer. Dietet. Assoc. J. 32(7): 647-650. 1956.

Kik, M. C.
Nutrients in rice bran and rice polish and improvement of protein quality with amino acids. J. Agr. & Food Chem. 4(2): 170-172. 1956.

MacNair, V.
Effects of storage and cooking of carotene and ascorbic acid content of some sweet potatoes grown in northwest Arkansas. Arkansas Agr. Expt. Sta. Bul. 574, 19 p. 1956.

Sure, B.
Effect of amino acid and vitamin B_{12} supplements on the biologic value of proteins in rice and wheat. Amer. Dietet. Assoc. J. 31(12): 1232-1234. 1955.

Nutrition and Diet

Sure, B.
Nature of supplementary value of vitamin B_{12} to proteins in the infant food, Pablum (mixed cereal). Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 574. 1956.

Sure, B.
Studies in vitamin metabolism. Arkansas Agr. Expt. Sta. Bul. 565, 64 p. 1956.

CALIFORNIA

Family and Food Economics

Coles, J. V.
Household buyers choose beef. Calif. Agr. (Calif. Agr. Expt. Sta.) 10(5): 3, 10. 1956.

CALIFORNIA (continued)

Family and Food Economics (continued)

Coles, J. V.
Meat grades and prepackaging. Calif. Agr. (Calif. Agr. Expt.Sta.) 10(6): 19. 1956.

Dunsing, M.
Spending money of adolescents. J. Home Econ. 48(6): 405-408. 1956.

Reid, M. G. and Dunsing, M.
Effect of variability of incomes on level of income-expenditure curves of farm families. Rev. Econ. & Stat. 38(1): 90-95. 1956.

Food Composition and Nutritive Value

Hall, A. P., Brinner, L., Amerine, M. A. and Morgan, A.F.
The B vitamin content of grapes, musts, and wines. Food Res. 21(3): 362-371. 1956.

Kean, C. E. and Marsh, G. L.
Investigation of copper complexes causing cloudiness in wines. I. Chemical composition. Food Res. 21(4): 441-447. 1956.

Food Preparation and Utilization

Cruess, W. V. and Low, D.
Recipes for dry-lima-bean frozen products. Quick Frozen Foods 18(8): 105, 194. 1956.

Kennedy, B.
Whole wheat milk bread. California Agr. Ext. Serv. Leafl. 58, 1956.

Food Processing

Foytik, J., Leonard, S. and Luh, B. S.
Cling peach cannery losses. Calif. Agr. (Calif. Agr. Expt. Sta.) 9(11): 5, 16. Nov. 1955.

Mrak, E. M., Vaughn, R. H., Miller, M. W. and Phaff, H. J.
Yeasts occurring in brines during the fermentation and storage of green olives. Food Technol. 10(9): 416-419. 1956.

Tappel, A. L., Regier, L. W. and Stewart, G. F.
High quality dehydrated meats. Calif. Agr. (Calif. Agr. Expt. Sta.) 9(10): 4-5. 1955.

CALIFORNIA (continued)

Food Quality

Berg, H. W. and Marsh, G. L.
Effect of heat treatment of musts on the color characteristics of red wine. Food Technol. 10(1): 4-9. 1956.

Buck, P. A. and Joslyn, M. A.
Formation of alcohol, acetaldehyde, and acetoin in frozen broccoli tissue. J. Agr. & Food Chem. 4(6): 548-552. 1956.

Chichester, C. O. and Sterling, C.
Continuous recording of gel deformation in creep and recovery. Food Res. 21(3): 397-401. 1956.

Cruess, W. V., Quacchia, R. and Ericson, K.
Pectic enzymes in wine making. Food Technol. 9(12): 601-607. 1955.

Dame, C., Jr., Leonard, S. J., Luh, B. S. and Marsh, G. L.
The influence of ripeness on the organic acids, sugars, and pectin of canned Bartlett pears. Food Technol. 10(1): 28-33. 1956.

David, J. J., Luh, B. S. and Marsh, G. L.
Organic acids in peaches. Food Res. 21(2): 184-194. 1956.

Filipello, F.
A critical comparison of the two-sample and triangular binomial designs. Food Res. 21(2): 235-241. 1956.

Filipello, F.
Factors in the analysis of mass panel wine-preference data. Food Technol. 10(7): 321-326. 1956.

Gehman, H. and Osman, E. M.
The chemistry of the sugar-sulfite reaction and its relationship to food problems. in Advances in Food Research, v.5, p.53-96. 1954, Academic Press Inc., New York, N.Y.

CALIFORNIA (continued)

Food Quality (continued)

Groninger, H.S., Tappel, A. L. and Knapp, F. W.
Some chemical and organoleptic changes in gamma irradiated meats. Food Res. 21(5): 555-564. 1956.

Hinreiner, E., Filipello, F., Berg, H. W. and Webb, A.D.
Evaluation of thresholds and minimum difference concentrations for various constituents of wines. IV. Detectable differences in wine. Food Technol. 9(10): 489-490. 1955.

Hinreiner, E.
Organoleptic evaluation by industry panels--the cutting bee. Food Technol. 10(4): 203-205. 1956.

Hoos, J.W., Leonard, S. J. and Luh, B. S.
Effect of 2,4,5-trichlorophenoxyacetic acid spray on organic acids, pectin, and quality of canned apricots. Food Res. 21(5): 571-582. 1956.

Joslyn, M. A., and Braverman, J. B. S.
The chemistry and technology of the pretreatment and preservation of fruit and vegetable products with sulfur dioxide and sulfites. in Advances in Food Res., v.5, p.97-160. 1954, Academic Press, Inc., New York, N.Y.

Joslyn, M. A. andSano, T.
The formation and decomposition of green pigment in crushed garlic tissue, .Food Res. 21(2): 170-183. 1956.

Joslyn, M.A. and Lukton, A.
Mechanism of copper casse formation in white table wine. I. Relation of changes in redox potential to copper casse. Food Res. 21(3): 384-396. 1956.

Joslyn, M.
Metal containers--in food products manufacture. Western Canner & Packer 48(4): 24-26, 31-34, 36. 1956.

Kawatomari, T. and Vaughn, R.H.
Species of Clostridium associated with zapatera spoilage of olives. Food Res. 21(4): 481-490. 1956.

CALIFORNIA (continued)

Food Quality (continued)

Kean, C. E. and Marsh, G. L.
Investigation of copper complexes causing cloudiness in wines. II. Bentonite treatment of wines. Food Technol. 10(8): 355-359. 1956.

Kennedy, B. M., Fletcher, L. R. and Sabiston, A. R.
Studies on the incorporation of nonfat milk solids in whole wheat bread. II. Mixograms. Cereal Chem. 32(6): 452-462. 1955.

Lew, Y. T. and Tappel, A. L.
Antioxidant and synergist inhibition of hematin-catalyzed oxidative fat rancidity. Food Technol. 10(6): 285-289. 1956.

Linsley, E. G. (editor)
Evaluation of certain acaricides and insecticides for effectiveness, residues, and influence on crop flavor. Hilgardia (Calif. Agr. Expt.Sta.) 26(1): 1-106. 1956.

Little, A. C. and Mackinney, G.
On the color of coffee. Food Technol. 10(10): 503-506. 1956.

Luh, B. S., Leonard, S. J. and Phaff, H. J.
Hydrolysis of pectic materials and oligouronides by tomato polygalacturonase. Food Res. 21(4): 448-455. 1956.

Luh, B. S., Leonard, S. J., Patel, D. S. and Claypool, L. L.
Volatile reducing substances in canned Bartlett pears. Food Technol. 9(12): 639-642. 1955.

Lukton, A., Chichester, C. O. and Mackinney, G.
The breakdown of strawberry anthocyanin pigment. Food Technol. 10(9): 427-432. 1956.

Lukton, A. and Joslyn, M. A.
Mechanisms of copper casse formation in white table wine. II. Turbidimetric and other physico-chemical considerations. Food Res. 21(4): 456-476. 1956.

CALIFORNIA (continued)

Food Quality (continued)

Mackinney, G. and Chichester, C. O.
The color problem in foods. in Advances in Food Res. v.5, p.301-351, 1954, Academic Press Inc., New York, N. Y.

Miyada, D. S. and Tappel, A. L.
Meat tenderization. I. Two mechanical devices for measuring texture. Food Technol. 10(3): 142-145. 1956.

Miyada, D. S. and Tappel, A. L.
The hydrolysis of beef proteins by various proteolytic enzymes. Food Res. 21(2): 217-225. 1956.

Roessler, E. B., Baker, G. A. and Amerine, M. A.
One-tailed and two-tailed tests in organoleptic comparisons. Food Res. 21(1): 117-121. 1956.

Rogers, C. J., Mills, P. A. and Stewart, G. F.
Incorporation and distribution of monosodium glutamate in chicken meat. Food Technol. 10(7): 299-302. 1956.

Siddiqi, A. M. and Tappel, A. L.
Catalysis of linoleate oxidation by pea lipoxidase. Arch. Biochem. & Biophys. 60(1): 91-99. 1956.

Simone, M., Leonard, S., Hinreiner, E. and Valdes, M.
Consumer studies on sweetness of canned cling peaches. Food Technol. 10(6): 279-282. 1956.

Simone, M., Carroll, F., Hinreiner, E. and Clegg, M.T.
Effect of feed on beef quality. Calif. Agr. (Calif. Agr. Expt. Sta.) 9(11): 3--4. 1955.

Sterling, C.
Effect of moisture and high temperature on cell walls in plant tissues. Food Res. 20(5): 474-479. 1955.

Sterling, C.
Texture changes during the dark-ripe processing of olives. Food Res. 21(1): 93-102. 1956.

CALIFORNIA (continued)

Food Quality (continued)

Sterling, C.
Time of loading and strain retardation in starch jelly candy. Food Res. 21(5): 546-554. 1956.

Tappel, A. L.
Freezer--dried meat. II. The mechanism of oxidative deterioration of freeze-dried beef. Food Res. 21(2): 195-206. 1956.

Tappel, A. L., Miyada, D. S., Sterling, C. and Maier, V. P.
Meat tenderization. II. Factors affecting the tenderization of beef by papain. Food Res. 21(3): 375-383. 1956.

Tappel, A. L., Miyada, D. S., Sterling, C. and Maier, V. P.
Application of meat tenderizer. Calif. Agr. (Calif. Agr. Expt.Sta.) 10(10): 10. Oct. 1956.

Valdes, R. M. and Roessler, E. B.
Consumer survey on the dessert quality of canned apricots. Food Technol. 10(10): 481-486. 1956.

Valdes, R. M., Hinreiner, E. H. and Simone, M. J.
Effect of sucrose and organic acids on apparent flavor intensity. 1. Aqueous solutions. Food Technol. 10(6): 282-285. 1956.

Valdes, R. M., Simone, M. J. and Hinreiner, E. H.
Effect of sucrose and organic acids on apparent flavor intensity. II. Fruit nectars. Food Technol. 10(8): 387-390. 1956.

Vaughn, R. H.
Bacterial spoilage of wines with special reference to California conditions. in Advances in Food Res. v.6, p.67-108. 1955, Academic Press Inc., New York, N.Y.

Vaughn, R. H. and Murdock, D. I.
Sanitary significance of microorganisms in frozen citrus products. Amer. J. Publ. Health 46(7): 886-894. 1956.

CALIFORNIA (continued)

Housing

Bennion, M. P., Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr. Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Ariz., Colo., Mont., Utah and Wash. Agr. Expt. Stas. and USDA)

Everson, G. J., Neubauer, L. W. and Deering, R. B.
Environmental influence on orientation and house design to improve living comfort. I. Description of the mobile housing unit and methodology; II. Preliminary studies of the value of plant materials in regulating room air temperature; III. Effect of certain home furnishings on room temperature. J. Home Econ. 48(3): 161-167. 1956.

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M.P.
Space required to store food in Western farm kitchens. Utah Agr. Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Ariz., Colo., Mont., Utah and Wash. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Arnich, L. and Pederson, D. J.
Dietary protein and carotene utilization. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 212. 1956.

Barker, H. A., Wachsman, J. T., Munch-Petersen, A. and Wilson, M. A.
Path of glutamate decomposition by Clostridium tetanomorphum. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 215. 1956.

Brice, E. G. and Okey, R.
The effect of fat intake on incorporation of acetate-2-C^{14} into liver lipide and expired carbon dioxide. J. Biol. Chem. 218(1): 107-114. 1956.

Butler, L. C. and Morgan, A. F.
The content of adrenocorticotropic hormone in the pantothenic acid-deficient female rat. Endrocrinology 56(3): 322-326. 1955.

CALIFORNIA (continued)

Nutrition and Diet (continued)

Carpenter, F. H. and Wellington, C.P.
Action of arginase on peptides containing arginine. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 229-230. 1956.

Cowgill, R. W. and Freeberg, B.
Metabolism of methyl histidine compounds in animals. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt. I, 237. 1956.

Forker, B. R. and Morgan, A. F.
Cause of pituitary-adrenal failure in the riboflavin-deficient rat. J. Biol. Chem. 217(2): 659-667. 1955.

Morgan, A. F. and Bennett, M. J.
Effect of hydrocortisone on ascorbic acid synthesis in the rat. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 564. 1956.

Morgan, A. F.
The San Mateo study of the nutritional status of the aging. California's Health 13(9): 65-70. 1955.

Neilands, J. B. and Townsley, P. M.
Iron-binding activity of sugar-amino acids. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 320. 1956.

Nelson, M. M., Baird, C. D. C., Wright, H. V., and Evans, H. M.
Multiple congenital abnormalities in the rat resulting from riboflavin deficiency induced by the antimetabolite galactoflavin. J. Nutr. 58(1): 125-134. 1956.

Okey, .R. and Lyman, M.M.
Food intake and estrogenic hormone effects on serum and tissue cholesterol. J. Nutr. 60(1): 65-74. 1956.

CALIFORNIA (continued)

Nutrition and Diet (continued)

Okey, R. and Lyman, M. M.
Food intake and sex hormone effects on serum and liver cholesterol. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 567. 1956.

Okey, R. and Stone, M. M.
Lard vs. a vegetable fat in relation to liver and serum cholesterol. Amer. Dietet. Assoc. J. 32(9): 807-809. 1956.

Okey, R. and Lyman, M. M.
Protein intake and liver cholesterol: effects of age and growth of the test animal. J. Nutr. 58(4): 471-482. 1956.

Swendseid, M. E., Long, N. J. and Halsted, J. A.
Effect of aureomycin on anemia of the gastrectomized rat. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 574. 1956.

Tappel, A.L.
Unsaturated lipide oxidation catalyzed by hematin compounds. J. Biol. Chem. 217(2): 721-733. 1955.

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956) Coop: Ariz., Colo., Idaho, Mont., N.M., Ore., Utah and Wash. Agr. Expt. Stas. and USDA)

COLORADO

Family and Food Economics

Stevens, I. M., Sargent, F. O., Thiessen, E. J., and Schoonover, C.
Consumer preference for beef. Colorado Agr. Expt. Sta. Gen. Ser. Paper 643, 91 p., mimeog. 1956.

Stevens, I. M., Sargent, F. O., Thiessen, E. J., and Schoonover, C.
Consumer preference for beef. Wyoming Agr. Expt.Sta. Mimeog. Circ. 60, 94 p. 1955. (Coop: Colorado Agr. Expt. Sta.)

COLORADO (continued)

Family and Food Economics (continued)

Stevens, I. M., Sargent, F. O., Thiessen, E. J. Schoonover, C. and Payne, I.
Beef...consumer use and preference. Colorado Agr. Expt. Sta. Bul. 495-S, 16 p. 1956. (Coop: Wyoming Agr. Expt. Sta.)

Food Composition and Nutritive Value

Johnson, G., Johnson, D. and Kob, C.
Composition and quality characteristics of apple, peach and pear varieties (1954 crop). Colorado Agr. Expt. Sta. Gen. Ser. Paper 632, p.47-57. 1956. (1955 Progr. Rpt. on Western Colorado Research)

Food Preparation and Utilization

Dyar, E. and Cassel, E.
Mile-high cakes. Colorado Agr. Expt. Sta. Bul. 404-A, rev. 27 p. 1955.

Housing

Bennion, M. P., Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr. Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Ariz., Calif., Mont., Utah and Wash. Agr. Expt. Stas. and USDA)

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M. P.
Space required to store food in western farm kitchens. Utah Agr. Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Ariz., Calif., Mont., Utah and Wash. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Idaho, Mont., N. M., Oreg., Utah and Wash. Agr. Expt. Stas.and USDA)

Miscellaneous

Progress reports in Research Serves Colorado Agriculture (Colorado Agr. Expt. Sta., 66th Ann. Rpt., p.17, 38. 1953. (1956)

STORRS (CONNECTICUT)

Food Composition and Nutritive Value

Walker, C. R. and Potgieter, M.
Effect of salt on ascorbic acid in cabbage during cooking. Amer. Dietet. Assoc. J. 32(9): 821-822. 1956.

Nutrition and Diet

Morse, E. H., Potgieter, M. and Walker, G. R.
Ascorbic acid utilization by women. Response to blood serum and white blood cells to increasing levels of intake. J. Nutr. 58(2): 291-298. 1956.

Morse, E. H., Potgieter, M. and Walker, G. R.
Ascorbic acid utilization by women. Response of blood serum and white cells to increasing levels of intake in two groups of women of different age levels. J. Nutr. 60(2): 229-236. 1956.

Potgieter, M. and Morse, E. H.
Food habits of children. Amer. Dietet. Assoc. J. 31(8): 794-796. 1955.

Potgieter, M., Morse, E. H. and Erlenbach, F. M., and Dall, R.
The food habits and dental status of some Connecticut children. J. Dental Res. 35(4): 638-644. 1956.

Potgieter, M., Morse, E. H. and Walker, G. R.
A study of the eating habits and the nutritional adequacy of the diets of thirty-three women in a state training school for mental defectives. Amer. J. Mental Deficiency 60(2): 335-339. 1955.

CONNECTICUT

None

DELAWARE

None

FLORIDA

Food Composition and Nutritive Value

Hoover, M. W.
Influence of maturity and storage treatments upon the ascorbic acid content of the seeds of Southern peas. Food Res. 20(5): 469-473. 1955.

Food Quality

Hoover, M. W. and Dennison, R. A.
A rapid objective method for the evaluation of color in strawberries. Amer. Soc. Hort. Sci. Proc. 65: 165-198. 1955.

Hoover, M. W. and Dennison, R. A.
Some treatments influencing the quality of Florida frozen strawberries. Amer. Soc. Hort. Sci. Proc. 65: 188-194. 1955.

Rouse, A. H. and Atkins, C. D.
Pectinesterase and pectin in commercial citrus juices as determined by methods used at the Citrus Experiment Station. Florida Agr. Expt. Sta. Bul. 570, 19 p. 1955.

Nutrition and Diet

French, R. B., Abbott, O. D. and Townsend, R. O.
Relation of calcium, phosphorus and protein deficiencies in the immature rat to defects in growth and skeletal development of the mature animals. Florida Agr. Expt. Sta. Bul. 569, 36 p. 1955.

Miscellaneous

Progress reports in Agricultural Experiment Stations (Univ. of Florida Ann. Rpt. for the fiscal year ending June 30, 1955) p.105-107. (1956).

GEORGIA

Family and Food Economics

Ford, K. E.
Brands, retail prices, and the quality of canned field peas. Georgia Agr. Expt. Sta. Bul. n.s. 13, 38 p. 1956. (Coop: USDA)

Ford, K. E.
Brands, retail prices, and the quality of canned turnip greens. Georgia Agr. Expt. Sta. Bul. n.s. 14, 31 p. 1956.

Ford, K. E.
Brands, retail prices, and the quality of canned collard greens. Georgia Agr. Expt. Sta. Bul. n.s. 15, 29 p. 1956.

Food Preparation and Utilization

Hood, M. P., Thompson, D. W. and Mirone, L.
Effects of cooking methods on low grade beef. Georgia Agr. Expt. Sta. Bul. n.s.,4, 20 p. 1955.

Food Processing

Woodroof, J. G., DuPree, W. E. and Cecil, S. R.
Canning sweet potatoes. Georgia Agr. Expt. Sta. Bul. n.s., 12, 60 p. 1955.

Woodroof, J. G., Cecil, S. R. and DuPree, W. E.
Processing muscadine grapes. Georgia Agr. Expt. Sta. Bul. n.s. 17, 35 p. 1956.

Food Quality

Hood, M. P., Rowan, W. S., Thompson, D. W. and Mize, J.J.
Graded broilers in marketing channels in Georgia. Georgia Agr. Expt. Sta. Bul. n.s. 7, 42 p. 1955.

Malcom, H. R., Powers, J. J., Lopez, A. and Pratt, D. E.
Objective measurements of the maturity of raw and canned field peas, Vigna sinensis. Food Technol. 10(10): 463-469. 1956.

Woodroof, J. G. and Heaton, E. K.
Protective packaging of foods against moisture condensation. Food Technol. 9(10): 510-518. 1955.

Housing

Mize, J. J., Bland, F. E., Hood, M. P. and Simons, J. W.
Space requirements and designs for baking centers. Georgia Agr. Expt. Sta. Bul. n.s. 23, 33 p. 1956.

GEORGIA (continued)

Nutrition and Diet

Mirone, L., Torrance, V. F. and Roughton, C. W.
Food intake of nursery school children at noon. Amer. Dietet. Assoc. J. 32(8): 707-709. 1956.

HAWAII

Family and Food Economics

Scott, F. S. Jr.
Frozen passion fruit juice. An appraisal of the mainland market potential. Hawaii Agr. Expt. Sta. Agr. Econ. Rpt. 25, 21 p. 1955.

Food Composition and Nutritive Value

Miller, C. D., Branthoover, B., Sekiguchi, N., Denning, H. and Bauer, A.
Vitamin values of foods used in Hawaii. Hawaii Agr. Expt. Sta. Techn. Bul. 30, 94 p. 1956.

Miller, C. D., Murai, M. and Pen, F.
The use of pandanus fruit as food in Micronesia. Pacific Sci. 10(1): 3-16. 1956.

Palafox, A. L. and Rosenberg, M. M.
Effect of diet on niacin content of eggs. Hawaii Farm Sci. (Hawaii Agr. Expt. Sta.) 4(3): 2. 1956.

Food Quality

Shaw, T. N., Sakata, S., Boyle, F. P. and Sherman, G. D.
Hawaii tropical fruit flavors in ice creams, sherbets, and ices. Hawaii Agr. Expt. Sta. Cir. 49, 17 p. 1955.

IDAHO

Food Composition and Nutritive Value

LeTourneau, D.
Amino acids of potato tubers, etiolated sprouts, and foliage. Bot. Gaz. 117(3): 238-242. 1956.

LeTourneau, D.
Carbohydrate components of the potato tuber. J. Agr. and Food Chem. 4(6): 543-545. 1956.

Nutrition and Diet

Warnick, K. P., Bring, S. V. and Woods, E.
Nutritional status of school children 15 and 16 years of ages in three Idaho communities. Idaho Agr. Expt. Sta. Res. Bul. 33, 74 p. 1956. (coop: USDA)

IDAHO (continued)

Nutrition and Diet (continued)

Warnick, K. P., Bring, S. V. and Woods, E.
Nutritional status of adolescent Idaho children. II. Food habits. Amer. Dietet. Assoc. J. 31(11): 1143-1146. 1955.

Warnick, K. P., Zaehringer, M. V., Bring, S. V. and Woods, E.
Physiological availability of thiamine from potatoes and from brown rice. J. Nutr. 59(1): 121-133. 1956.

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Mont., N. M., Ore., Utah and Wash. Agr. Expt. Stas. and USDA)

ILLINOIS

Food Processing

Garner, R. G., Nelson, A. I. and Howard, L. B.
Sweet corn dehydration. I. The falling-rate phase; II. Quality effects of falling-rate phase drying conditions. Food Technol. 9(11): 547-552; 553-556. 1955.

Mannheim, H.C., Steinberg, M. F. and Nelson, A. I.
Determinations of enthalpies involved in food freezing. Food Technol. 9(11): 556-559. 1955.

Nelson, A. I. and Steinberg, M. P.
Retorting foods in plastic bags. Food Engin. 28(1): 92-93, 140, 143. 1956.

Nelson, A. I., Steinberg, M. P., Norton, H. W., Cleven, C. C. and Fritzsche, H. W.
Studies on the dehydration of lima beans. Food Technol. 10(2): 91-95. 1956. (Coop: Q.M. Food & Cont. Inst. Armed Forces)

Van Duyne, F. O.
How to prepare fruits and vegetables for freezing, with suggestions for choosing suitable varieties. Illinois Agr. Expt. Sta. Cir. 602, 16 p. rev. 1956.

Yao, A., Nelson, A. I. and Steinberg, M. P.
Factors affecting the rate of chicken meat dehydration under vacuum. Food Technol. 10(3): 145-150. 1956.

ILLINOIS (continued)

Food Quality

Chang, S. S. and Kummerow, F. A.
A study of the flavor stability and autoxidation of beef fats. Amer. Oil Chem. Soc. J. 32(11): 547-551. 1955.

El-Bisi, H., Ordal, Z. J. and Nelson, A. I.
The effect of certain fungicides on the thermal death rate of spores of Bacillus coagulans var. thermoacidurans. Food Res. 20(6): 554-558. 1955.

Englis, D. T. and Wollermann, L. A.
Analytical characteristics of propenyl guaethol and vanillin. Food Res. 20(6): 567-574. 1955.

Hayes, R. E., Nelson, A. I. and Steinberg, M. P.
Considerations in sulfiting sweet corn with an aqueous salt solution prior to dehydration. Food Technol. 10(1): 18-22. 1956.

Home and Institutional Management

Freeman, R. C.
A guide in making decisions in family financial planning. Univ. Illinois Agr. Ext. Serv. HEE-3655, 27 p. (1956).

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., and Wisc. Agr. Expt. Stas. and USDA)

McCullough, H. E. and Schoeppel, M. S.
Separate ovens. Univ. Illinois Cir. Ser. v.53, no.36, 6 p. 1956. (Small Homes Counc.)

Nutrition and Diet

Butler, L. C., Childs, M. T. and Forsythe, A. J.
The relation of serum cholesterol to the physical measurements and diet of women. J. Nutr. 59(4): 469-478. 1956.

ILLINOIS (continued)

Nutrition and Diet (continued)

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M. and Anderson, B.
Nutrition of 9-, 10- and 11-year old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p. 614-631. 1955. (North Central Reg. Publ. 59) (coop: Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Forbes, R. M., Yohe, M. and Vaughan, L.
Level of protein in diet and its biological value. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1): Pt.I, 551. 1956.

Hartsook, E. W. and Mitchell, H. H.
The effect of age on the protein and methionine requirements of the rat. J. Nutr. 60(2): 173-195. 1956.

Hayes, R. L. and Kendall, K. A.
The beneficial effect of progesterone on pregnancy in the vitamin A-deficient rabbit. J. Nutr. 59(3): 337-341. 1956.

Marlatt, A. L., Eppright, E. S., Patton, M. B. and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. (North Central Reg. Publ. 70) Coop: Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Metta, V. C. and Mitchell, H. H.
A comparison of the biological values of dietary protein incorporated in high- and low-fat diets. J. Nutr. 59(4): 501-513. 1956.

ILLINOIS (continued)

Nutrition and Diet (continued)

Metta, V. C. and Johnson, B. C.
The effect of radiation sterilization on the nutritive value of foods. I. Biological value of milk and beef proteins. J. Nutr. 59(4): 479-490. 1956.

Rose, W. C. and Wixom, R. L.
The amino acid requirements of man. XIII. The sparing effect of cystine on the methionine requirement; XIV. The sparing effect of tyrosine on the phenylalanine requirement; XVI. The role of the nitrogen intake. J. Biol. Chem. 216(2): 763-773; 217(1): 95-101, (2): 997-1004. 1955.

Rose, W. C., Wixom, R. L., Lockhart, H. B., and Lambert, G. F.
The amino acid requirements of man. XV. The valine requirement; summary and final observations. J. Biol. Chem. 217(2): 987-995. 1955.

Sakuragi, T. and Kummerow, F. A.
The biological utilization of the palmitic acid esters of pantothenic acid. J. Nutr. 59(3): 327-336. 1956.

Sakuragi, T. and Kummerow, F. A.
The biological utilization of various fat-soluble esters of pyridoxine by rats. Arch. Biochem. & Biophys. 63(1): 32-39. 1956.

Sakuragi, T. and Kummerow, F. A.
The biological utilization of various fat-soluble esters of pyridoxine and 4-desoxypyridoxine by rats. J. Nutr. 58(4): 557-568. 1956.

Sakuragi, T. and Kummerow, F. A.
Solubility and heat stability of fat-soluble derivatives of vitamin B_6. Amer. Oil Chem. Soc. J. 33(3): 116-118. 1956.

Smith, J. M., Chen, S., Dick, E., Hare, A., McMillan, M. and McKey, B. V.
Urinary creatinine as a measure of endogenous nitrogen. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 573. 1956.

ILLINOIS (continued)

Textiles and Clothing

Fahnestoc, M. K. and Werden, J. E.
New fields for mechanical cooling conference--Part I. Environment, comfort, health and people. Refrig. Eng. 64(2): 43-49. 1956.

INDIANA

Food Processing

McArdle, F. J. and Desrosier, N. W.
Influences of ionizing radiations on the protein components of selected foods. Food Technol. 9(11): 527-532. 1955.

Food Quality

Desrosier, N. W. and Heiligman, F.
Heat-activation of bacterial spores. Food Res. 21(1): 54-62. 1956.

Desrosier, N. W. and Heiligman, F.
Some factors affecting growth of Bacillus coagulans in tomato juice. Food Res. 21(1): 47-53. 1956.

Heiligman, F., Desrosier, N. W. and Broumand, H.
Spore germination. I. Activators; II. Inhibitors. Food Res. 21(1): 63-69, 70-74. 1956.

Jordan, R.
Flavor and functional properties of shell eggs affected by storage. J. Home Econ. 48(2): 100. 1956.

Vail, G. E.
Food technology solves your problems. Amer. Dietet. Assoc. J. 32(1): 13-18. 1956.

Housing

Hasler, D. and Fitzsimmons, C.
How prefabricated houses serve families. Marriage and Family Living 17(2): 154-155. 1955.

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

INDIANA (continued)

Nutrition and Diet

Axelrod, B. and Sewell, G. E.
Inhibition of prostatic acid phosphatase by α-hydroxyl carboxylic acids. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 214. 1956.

Bressand, R. and Mertz, E. T.
Relationship of protein level to minimum lysine requirement of rat. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 544. 1956.

Clark, H., Kwong, E., Howe, J., DeLong, D. C. and Mertz, E.T.
Lysine requirement of adult men and women. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 546. 1956.

DeLong, D. C., Halver, J. E., and Mertz, E. T.
Classification of essential amino acids for Chinook salmon. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 548. 1956. (coop: U.S. Fish & Wilflife)

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Regional Publ. 59) (Coop: Ill., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Jahnke, J. K. and Schuck, C.
Growth response of rats on bread mixtures containing non-fat milk solids with and without lysine supplementation. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 558. 1956.

IOWA

Family Life and Child Development

Hawkes, G. R. and Stevens, K.
Children can choose if you'll let them. Iowa Farm Sci. (Iowa Agr. Expt. Sta.) 10(8): 25-27. 1956.

Hawkes, G. R., Burchinal, L. G. and Gardner, B.
Marital satisfaction, personality characteristics, and parental acceptance of children. J. Counsel. Psychol. 3(3): 216-221. 1956.

Hawkes, G. R., Burchinal, L. G., Gardner, B. and Porter, B. M.
Parents' acceptance of their children. J. Home Econ. 48(3): 195-200. 1956.

Food Preparation and Utilization

Carlin, A. F.
Relation of acid to the emulsifying action of dried egg yolk in the preparation of mayonnaise. Abs. in Poultry Sci. 34(5): 1186-1187. 1955.

Food Processing

Hurwicz, H. and Tischer, R. G.
Heat processing of beef. Part VI. Thermal diffusivity and "slopes" of heating and cooling curves for the high-temperature process; Part VII. Residual heating effects in beef processed at high retort temperatures. Food Res. 21(2): 147-155, 156-162. 1956.

Hurwicz, H., Gardner, B. W., Jr. and Tischer, R. G.
Heat processing of beef. Part VIII. Sterilizing effects of high temperature processes. Food Res. 21(3): 282-294. 1956.

Food Quality

Ayres, J. C.
Microbiological implications in the handling, slaughtering, and dressing of meat animals. in Advances in Food Research, v.6, p.109-161, 1955, Academic Press Inc., New York, N.Y.

Banwart, G. J. and Ayres, J. C.
The effectof high temperature storage on the content of Salmonella and on the functional properties of dried egg white. Food Technol. 10(2): 68-73. 1956.

IOWA (continued)

Food Quality (continued)

Carlin, A. F., Kempthorne, O. and Gordon, J.
Some aspects of numerical scoring in subjective evaluation of foods. Food Res. 21(3): 273-281. 1956.

Clifton, E. S., Kastelic, J. and Lowe, B.
Relationships between lard production methods, volumes of production, costs and characteristics of lard produced in selected packing plants. Iowa Agr. Expt. Sta. Res. Bul. 432, p.573-595. 1955.

Kraft, A. A., Brant, A. W. and Ayres, J. C.
Detection of hydrogen sulfide in packaged meats and in broken-out shell eggs. Food Technol. 10(9): 443-444. 1956. (Coop: USDA)

Miller, M. and Kastelic, J.
Chemical responses of connective tissue of bovine skeletal muscle. J. Agr. & Food Chem. 4(6): 537-542. 1956.

Rao, R. K. and Arnold, L. K.
Alcoholic extraction of vegetable oils. III. Solubilities of babassu, coconut, olive, palm, rapeseed, and sunflower seed oils in aqueous ethanol. Amer. Oil Chem. Soc. J. 33(9): 389-391. 1956.

Schark, A. E., Peterson, C. E. and Carlin, F.
The influence of variety on the specific gravity-mealiness relationship of potatoes. Amer. Potato J. 33(3): 79-83. 1956.

Home and Institutional Management

Ehrenkranz, F.
Radioactive soil for testing laundering in home washers. Soap & Chem. Specialties 32(3): 41-42, 197. 1956.

IOWA (continued)

Household Equipment

Beveridge, E., Purchase, M. and Lorch, E.
Cooking with heat from tubular infrared quartz lamps. J. Home Econ. 48(3): 201-204. 1956.

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Exp. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak., and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I,544. 1956. (Coop: Mich., Minn., Mo., Nebr., S. Dak. and Wisc. Agr. Expt. Stas.

Brierley, J. M., Ellingboe, J. L. and Diehl, H.
The distribution of nitrogen in the molecule of vitamin B_{12}. Iowa State Col. J. Sci. 30(2): 269-276. 1955.

Ellingboe, J. L., Morrison, J. I. and Diehl, H.
The hydrogenation of vitamin B_{12}. Iowa State Col. J. Sci. 30(2): 263-268. 1955.

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, N. W., Patton, M. B., Gluyas, S. B., Tyrrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) Coop: Ill., Ind., Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

IOWA (continued)

Nutrition and Diet (continued)

Eppright, E. S., Coons, I. and Jebe, E.
Very heavy and obese school children in Iowa. J. Home Econ. 48(3): 168-172. 1956.

Fox, H. M., Swanson, P. P. and Birds, E.
Role of fat in metabolism under stress conditions. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol. 15(1) Pt.I, 551. 1956.

Liu, C. H., Ashton, G. C. and Catron, D. V.
The effect of intermittent consumption of calcium in rats. J. Nutr. 59(2): 267-271. 1956.

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (North Central Reg. Publ. 70). (Coop: Ill., Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Metzler, D. E. and Snell, E. E.
Spectra and ionization constants of the vitamin B6 group and related 3-hydroxypyridine deviratives. Amer. Chem. Soc. J. 77(9): 2431-2437. 1955.

Pudelkewicz, C. and Roderuck, C.
Need for pantothenic acid and its relation to ascorbic acid in nutrition of guinea pig. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 570. 1956.

Roberts, R.
All aboard...for the good breakfast special. Iowa Farm Sci. (Iowa Agr. Expt. Sta.) 10(4): 21-23. 1955.

Roderuck, C., Pudelkewicz, C., Jebe., E. H., and Eppright, E. S.
Serum vitamin C of Iowa school children and its relationship to diet and age. J. Nutr. 59(3): 309-318. 1956.

IOWA (continued)

Nutrition and Diet (continued)

Snell, E. E. and Metzler, D. E.
Water-soluble vitamins, Part II. (Vitamin B_6, nicotinic acid, biotin, ascorbic acid). in Annual Rev. Biochem., v.25, p.435-462, Annual Reviews, Inc., Stanford, Cal., 1956.

Swanson, P. P., Leichsenring, J., Linkswiler, H. and Fox, H.
Protein nutrition of elderly women. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 574. 1956. (Coop: Iowa, and Neb. Agr. Expt. Stas.)

Tollin, G., Winitz, M. and Fox, S. W.
Papain-catalyzed reactions of glycine-containing benzoyldipeptides with aniline and glycinanilide. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 371. 1956.

Yang, S. P. and Swanson, P. P.
Factors influencing amino acid utilization in adult male albino rat. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 578. 1956.

Yoder, L. and Thomas, B. H.
Sulfonation and inactivation of vitamin D_2 by aqueous sulfite and aeration. Arch. Biochem. & Biophys. 60(2): 392-397. 1956.

Textiles and Clothing

Ehrenkranz, F., Roberson, O., Kunau, E. and Petersen, N.
Here's your household linen review. Iowa Farm Sci. (Iowa Agr. Expt. Sta.) 11(1): 12-14. 1956.

Miscellaneous

Home and family living. in Your Division of Agric. Reports..July 1, 1955 through June 30, 1956. Iowa State College, p. 49-52. 1956.

KANSAS

Food Processing

Yen, Y.-C., Milner, M. and Ward, H. T.
Treatment of wheat with ionizing radiations. II. Effect on respiration and other indices of storage deterioration. Food Technol. 10(9): 411-415. 1956.

Food Quality

Carroll, L. P., Miller, B. S. and Johnson, J. A.
The application of enzymes in pre-ferment processes for bread production. Cereal Chem. 33(5): 303-310. 1956.

Harrison, D. L., Hall, J. L., Mackintosh, D. L. and Vail, G. E.
Effect of post mortem chilling on the keeping quality of frozen pork. Food Technol. 10(2): 104-108. 1956.

Johnson, J. A., Miller, B. S., Refal, F. Y. and Miller, D.
Effect of fermentation time on certain chemical constituents of pre-ferments used in bread-making. J. Agr. & Food Chem. 4(1): 82-84. 1956.

Johnson, J. A., Miller, B. S., Boyer, P. D., and Geddes, W. F.
Properties of certain protease systems used in breadmaking. Cereal Chem. 33(1): 1-17. 1956. (Coop: Minn. Agr. Expt. Sta.)

Lewis, R. W., Sanford, P. E., Ericson, A. T. and Clegg, R. E.
Effect of diet on the ether-extract content of chicken muscles. Poultry Sci. 35(1): 132-137. 1956.

Lewis, R. W., Sanford, P. E., Ericson, A. T., Harrison, D. L. and Clegg, R. E.
Flavor and aroma of birds fed purified and standard diets. Poultry Sci. 35(2): 251-253. 1956.

Miller, B. S., Hayes, B. and Johnson, J. A.
Correlation of farinograph, mixograph, sedimentation, and baking data for hard red winter wheat flour samples varying widely in quality. Cereal Chem. 33(5): 277-290. 1956. (Coop: USDA)

KANSAS (continued)

Food Quality (continued)

Miller, B. S. and Johnson, J. A.
Fungal enzymes in baking. Baker's Digest 29(5): 95-100, 111, 112. 1955.

Steinhauer, C. W.
Conveyor cooling of bakery goods. Baker's Digest 29(5): 150-152, 119, 120. 1955.

Tinklin, G. L. and Filinger, G. A.
Effects of different methods of blanching on the quality of home frozen spinach. Food Technol. 10(4): 198-201. 1956.

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p., 1956 (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. Coop: Ill., Ind., Iowa, Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M.B., Gluyas, S. B., Tyrrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (North Central Reg. Publ. 70) (Coop: Ill., Iowa, Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Miller, G. D., Johnson, J. A. and Miller, B. S.
Fluorometric micromethod for determination of tryptophan. Analyt. Chem. 28(5): 884-887. 1956. (Coop: USDA)

KANSAS (continued)

Textiles and Clothing

Cormany, E. M. and Densmore, B.
Crease recovery and dimensional change of selected clothing fabrics. J. Home Econ. 48(4): 265-268. 1956.

KENTUCKY

Food Preparation and Utilization

Erikson, S. E. and Boyden, R. E.
Frozen eggs in relation to their use in cooked products. Kentucky Agr. Expt. Sta. Bul. 635, 23 p. 1955.

LOUISIANA

Food Composition and Nutritive Value

Novak, A. F., Fieger, E. A. and Bailey, M. E.
Vitamin content of fresh, processed shrimp. (fresh, iced, frozen). Quick Frozen Foods 18(12): 64-65. 1956.

Food Quality

Kalovereas, S. A.
New test for thermostabilized eggs. Food Technol. 10(3): 162-163. 1956.

McIntyre, R. T.
Investigations of the water-soluble nitrogenous fraction of rice. Cereal Chem. 33(5): 299-302. 1956.

Novak, A. F., Fieger, E. A. and Bailey, M. E.
Rapid procedures for approximation of bacterial counts in shrimp and oysters. Food Technol. 10(2): 66-67. 1956.

Nutrition and Diet

Dupuy, H. P. and Lee, J. G.
The toxic component of the Singletary pea (Lathyrus pusillus). Amer. Pharm. Assoc. J. 45(4): 236-239. 1956.

Glidden, M. A., Morrison, R. I. and Moschette, D. S.
Metabolic studies with pre-adolescent girls. IV. Utilization of calcium. Amer. Dietet. Assoc. J. 32(1): 29-35. 1956.

LOUISIANA (continued)

Nutrition and Diet (continued)

Lee, J. G., Dupuy, H. P. and Rolfs, H. E.
Dietary protein and the development of rat lathyrism. J. Nutr. 58(4): 433-442. 1956.

Patrick, R. M., Beamer, K. C. and Moschette, D. S.
Metabolic studies with pre-adolescent girls. III. Nitrogen retention. Amer. Dietet. Assoc. J. 31(10): 1010-1015. 1955.

Miscellaneous

Progress reports in Research in Agriculture, 1954-55 Annual Report, Louisiana Agr. Expt. Sta., p.5, 119-123. 1955.

MAINE

Food Quality

Highlands, M. E., Getchell, J. S. and Gavett, E. E.
Clarified apple juice is still the first choice. Maine Farm Res. (Maine Agr. Expt. Sta.) 3(2): 17-19. 1955.

Highlands, M. E. and Getchell, J. S.
A new snack item--French fried potato dice. Maine Farm Res. (Maine Agr. Expt. Sta.) 4(3): 10-11. 1956.

Treadway, R. H., Heisler, E. G., Whittenberger, R. T., Highlands, M. E. and Getchell, J. S.
Natural dehydration of cull potatoes by alternate freezing and thawing. Amer. Potato J. 32(8): 293-303. 1955.

MARYLAND

Food Quality

Elehwany, N. and Kramer, A.
A quick test for measuring average pea maturity. Canner and Freezer 123(1): 17-18. 1956.

Kramer, A., Kornetsky, A., Elehwany, N., Steinmetz, G. and Morin, E. L.
A procedure for sampling and grading raw green asparagus. Food Technol. 10(5): 212-214. 1956.

MARYLAND (continued)

Food Quality (continued)

Kramer, A. and Twigg, B. A.
Quality control for the canner and freezer. Basic principles and instrumentation. Pt. I. Canner and Freezer 123(2): 16-19, 37. 1956.

Kramer, A. and Twigg, B. A.
Quality control for the canner and freezer. Basic principles and instrumentation. Canner and Freezer 123(6): 21-22, 24. 1956.

Kramer, A. and Ditman, L.P.
A simplified variables taste panel method for detecting flavor changes in vege tables treated with pesticides. Food Technol. 10(3): 155-159. 1956.

Twigg, B. A., Kramer, A., Falen, H. N. and Southerland, F.L.
Objective evaluation of the maturity factor in processed sweet corn. Food Technol. 10(4): 171-174. 1956.

Wiley, R. C., Elehwany, N., Kramer, A. and Hager, F. J.
The shear-press--an instrument for measuring the quality of foods. IV. Application to asparagus. Food Technol. 10(9): 439-443. 1956.

Miscellaneous

Maryland Agr. Expt. Sta. Bul. A-83 (Research: Background for efficient agriculture, 68th Ann. Rpt. 1954-1955), p.52. 1956.

MASSACHUSETTS

Food Composition and Nutritive Value

Bennett, E.
On the nature of cellulose from cranberry pulp. Food Res. 21(2): 207-208. 1956.

Wertz, A. W., Ruttenberg, P. K., French, G. P., Murphy, G. H. and Guild, L. P.
Amino acid content of foods. Amer. Dietet. Assoc. J. 32(10): 926-928. 1956.

MASSACHUSETTS (continued)

Food Processing

Esselen, W. B. and Anderson, E. E.
Thermal destruction of peroxidase in vegetables at high temperatures. Food Res. 21(3): 322-325. 1956.

Food Quality

Decareau, R.V., Livingston, G. E. and Fellers, C. R.
Color changes in strawberry jellies. Food Technol. 10(3): 125-128. 1956.

Esselen, W. B., Levine, A. S. and Pflug, I. J.
Fast freeze, tight pack guard poultry surface color. Food Engin. 27(7): 99. 1955.

Marshall, J. R., Jayes, K. M., Fellers, C. R. and DuBois, C. W.
Stability of ascorbic acid in citrus concentrates during storage. Quick Frozen Foods 17(12): 50-52, 129. 1956.

Miller, H. N.
Paper disk method for subculturing acidified food products. Food Res. 21(3): 372-374. 1956.

Steinberg, M.A., Livingston, G. E. and Fellers, C. R.
Chemical aspects of pectin gel darkening. Food Technol. 10(10): 470-476. 1956.

Webster, R. C. and Esselen, W. B.
Thermal resistance of food poisoning organisms in poultry stuffing. J. Milk and Food Technol. 19(8): 209-212. 1956.

Nutrition and Diet

Lojkin, M.E., Bouchard, B. S. and Wertz, A. W.
Changes in niacin metabolism of rats produced by ovariectomy and administration of sex hormones. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 561. 1956.

Lojkin, M. E.
Effect of ovariectomy and administration of ovarian hormones and testosterone on nicotinic acid metabolism of rats. J. Nutr. 59(4): 443-457. 1956.

MASSACHUSETTS (continued

Nutrition and Diet (continued)

Wertz, A. W., Holden, E. M., Murphy, G. C., Lojkin, M. E., Van Horn, P. S., Guild, L. P., and Dietz, C. E.
Nutrition in pregnancy...dietary and biochemical data. Massachusetts Agr. Expt. Sta. Bul. 487, 19 p. (1956).

MICHIGAN

Family and Food Economics

Gibson, D. L. and Hoffer, C. R.
An analysis of milk consumption among urban families Michigan Agr. Expt. Sta. Quart. Bul. 39(1): 113-124. 1956.

Kramer, R. C.
The place of consumer education in increasing the demand for food. J. Farm Econ. 37(5): 1370-1379. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 39(1): 191. 1956.

Riley, H.
What consumers are saying about prepackaged frozen meats. Michigan Agr. Expt. Sta. Quart. Bul. 39(1): 36-41. 1956.

Riley, H. M. and Kramer, R. C.
What consumers are saying about prepackaged fresh and frozen meats. Michigan Agr. Expt. Sta. Spec. Bul. 406, 20 p. 1955.

Food Composition and Nutritive Value

Evans, R. J. and Bandemer, S. L.
Separation of egg white proteins by paper electrophoresis. J. Agr. & Food Chem. 4(9): 802-810. 1956.

Food Preparation and Utilization

Paul, P., Bean, M. and Brabler, L. J.
Effect of cold storage and method of cooking on commercial grade cow beef. Michigan Agr. Expt. Sta. Tech. Bul. 256, 35 p. 1956.

MICHIGAN (continued)

Food Preparation and Utilization (continued)

Paul, P. and Bean, M.
Method for braising beef round steaks. Food Res. 21(1): 75-86. 1956. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 39(1): 189. 1956.

Food Processing

Pivnick, H. and Fabian, F. W.
Simple calculations insure uniform pickle acidity. Food Engin. 28(9): 72-73. 1956. (Coop: Nebraska Agr.Expt. Sta.)

Food Quality

Beneke, E.S. and Fabian, F. W.
Sorbic acid as a fungistatic agent at different pH levels for molds isolated from strawberries and tomatoes. Food Technol. 9(10): 486-488. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38(4): 708. 1956.)

Costilow, R. N., Batshon, B. A., Bratzler, L. J. and Robach, D.A.
Interactions between ascorbic acid and psychrophilic bacteria associated with the discoloration of prepackaged beef. Food Technol. 9(11): 560-563. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38(4): 706. 1956.

Costilow, R. N., Ferguson, W. E. and Ray, S.
Sorbic acid as a selective agent in cucumber fermentations. I. Effect of sorbic acid on micro-organisms associated with cucumber fermentations. Appl. Microbiol. 3: 341-345. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38(4): 705. 1956).

Costilow, R. N., Coughlin, F. M., Robach, D. L. and Ragheb, H. S.
A study of the acid-forming bacteria from cucumber fermentations in Michigan. Food Res. 21(1): 27-33. 1956.

Humbert, E. S., Brunner, J. R. and Trout, G. M.
Some factors affecting the heat stability and viscosity of half-and-half homogenized milk. Food Technol. 10(3): 134-137. 1956. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38(4): 710. 1956)

MICHIGAN (continued)

Food Quality (continued)

Paul, P. C. and Bratzler, L. J.
Studies on tenderness of beef. II. Varying storage times and conditions. Food Res. 20(6): 626-634. 1955.

Paul, P. and Bratzler, L. J.
Studies on tenderness of beef. III. Size of shear cores: End to end variation in the semimembranosus and adductor. Food Res. 20(6): 635-638. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38 (4): 708. 1956).

Ragheb, H. S. and Fabian, F. W.
Growth and pectolytic activity of some tomato molds at different pH levels. Food Res. 20(6): 614-625. 1955. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 38(4): 706. 1956).

Home and Institutional Management

Gross, I. H., editor
Potentialities of women in the middle years. 198 p., Michigan State Univ. Press, 1956, East Lansing, Mich.

Hayton, M. J. and Aldrich, P. J.
Costs of oven-ready beef from carcass, primal cut, and fabricated sources. Amer. Dietet. Assoc. J. 32(10): 945-952. 1956.

Thorpe, A. C. and Gross, I. H.
How homes are used on farms and in small cities. A comparative study of the activities carried on in the homes. Michigan Agr. Expt. Sta. Tech. Bul. 254, 52 p. 1955.

Household Equipment

Mallmann, W. L.
Hand versus machine dishwashing in the home. J. Home Econ. 47(8): 609-613. 1955.

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt.Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa, Kans., Minn.,Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

MICHIGAN (continued)

Nutrition and Diet

Brewer, W. B., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 544. 1956. (Coop: Iowa, Minn., Mo., Nebr., S. Dak. and Wisc. Agr. Expt. Stas.)

Brewer, W. D., Furnivall, M. E., Wagoner, A., Lee, J., Alsop, B. and Ohlson, M. A.
Nutritional status of the aged in Michigan. Amer. Dietet. Assoc. J. 32(9): 810-815. 1956.

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M.B., Gluyas, S. B., Tyrrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Kans., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Harper, L. and Ohlson, M. A.
Dietary practices of three samples of women. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 554-555. 1956.

Kelley, L., Ohlson, M. A. and Quackenbush, G. G.
Nutritional evaluation of food purchased by 146 urban families during 1953. J. Home Econ. 48(5): 355-358. 1956. (Abs. in Michigan Agr. Expt. Sta. Quart. Bul. 39(1): 195. 1956).

Kelley, L., Ohlson, M. A. and Quackenbush, G. G.
Nutritional quality of food purchases of urban families. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 559. 1956.

MICHIGAN (continued)

Nutrition and Diet (continued)

Marlatt, A. L., Eppright, E. S., Patton, M. B. and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Ohlson, M. A., Biester, A., Brewer, W. D., Hawthorne, B. E. and Hutchinson, M. B.
Anthropometry and nutritional status of adult women. Human Biol. 28(2): 189-202. 1956.

Ohlson, M. A.
Live lean and like it. Michigan State Univ. Extens. Folder F-208, (7) p. (1956).

Ohlson, M. A., Kelley, L. and Quackenbush, G. G.
The nutritional value of food purchased in 1953 by 146 urban families. Michigan Agr. Expt. Sta. Techn. Bul. 258, 40 p. 1956. (MSU Consumer Panel Bul. 4)

MINNESOTA

Food Composition and Nutritive Value

Montgomery, R. and Smith, F.
A review of carbohydrates of wheat and other cereal grains. J. Agr. & Food Chem. 4(8): 716-720. 1956.

Noble, I. and Gordon, J.
Ascorbic acid and color retention in green beans cooked by different methods. Amer. Dietet. Assoc. J. 32(2): 119-122. 1956.

Wolf, W. J. and Briggs, D. R.
Ultracentrifugal investigation of the effect of neutral salts on the extraction of soybean proteins. Arch. Biochem. & Biophys. 63(1): 40-49. 1956.

MINNESOTA (continued)

Food Preparation and Utilization

Asp, E. and Noble, I.
Prepare your own cake mix. Minnesota Farm and Home Sci. (Minnesota Agr. Expt. Sta.) 13(1): 8. 1955.

Privett, O. S. and Lundberg, W. O.
The new look in shortenings and the comeback of lard. Minnesota Farm and Home Sci. (Minnesota Agr. Expt. Sta.) 13(1): 4-5, 7. 1955.

Food Quality

Coulter, S. T.
Spreadability of butter. Milk Prod. J. 46(10): 17, 48. 1955.

Johnson, J. A., Miller, B. S., Boyer, P. D. and Geddes, W. F.
Properties of certain protease systems used in breadmaking. Cereal Chem. 33(1): 1-17. 1956. (Coop: Kansas Agr. Expt. Sta.)

Morris, H. A. and Combs, W. B.
Cheese you can freeze. Milk Prod. J. 46(10): 12-13, 66. 1955.

Winter, J. D., Nylund, R. E. and Legun, A. F.
Relation of sugar content to flavor of sweet corn after harvest. Amer. Soc. Hort. Sci. Proc. 65: 393-395. 1955.

Housing

Francis, R. G.
How housing improved on Minnesota farms, 1940-50. Minnesota Farm & Home Sci. (Minnesota Agr. Expt. Sta.) 13(2): 14-15. 1956.

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa, Kans., Mich., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

MINNESOTA (continued)

Nutrition and Diet

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 544. 1956. (Coop: Iowa, Mich., Mo., Nebr., S. Dak. and Wisc. Agr. Expt. Stas.)

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p. 614-631. 1955. (North Central Reg. Publ.59) (Coop: Ill., Ind., Iowa, Kans., Mich., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Hallanger, L. E. and Schultze, M. O.
Development of fatty livers during lactation of rats fed amino acid rations. J. Nutr. 60(1): 25-33. 1956.

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Mich., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt.Stas. and USDA)

Ohlson, M.A., Biester, A., Brewer, W. D., Hawthorne, B. E. and Hutchinson, M. B.
Anthropometry and nutritional status of adult women. Human Biol. 28(2): 189-202. 1956.

MINNESOTA (continued)

Nutrition and Diet (continued)

Schultze, M. O.
Reproduction of rats fed protein-free amino acid rations. J. Nutr. 60(1): 35-45. 1956.

Swanson, P. P., Leichsenring, J., Linkswiler, H., and Fox, H.
Protein nutrition of elderly women. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1): Pt.I, 574. 1956.

Viswanatha, T. and Liener, I. E.
Reproduction and lactation of rats receiving corn oil or butterfat in the presence of sulfathalidine. J. Nutr. 59(2): 197-209. 1956.

Textiles and Clothing

Lund, L. O., Phelps, E. L. and Morris, M. A.
A modern textile development. Blended suitings. South Dakota Farm & Home Res. (South Dakota Agr. Expt. Sta.) 7(1): 10-13, 21. 1955.(Also reprinted in South Dakota Agr. Expt. Sta. 69th Ann. Rpt. for July 1, 1955 to June 30, 1956, p. 10-12, 21. (1956).

Morris, M. A., Lund, L. O. and Phelps, E. L.
Blouse and shirt fabrics--cotton compared to newer fibers. Minnesota Farm & Home Sci. (Minnesota Agr.Expt. Sta.) 13(3): 10-11. 1956. (Coop: South Dakota Agr. Expt. Sta.)

Morris, M. A.
Thermal insulation of winter coat fabrics. J. Home Econ. 47(10): 748-753. 1955.

Phelps, E. L.
Linen fabrics made of Minnesota flax fiber. J. Home Econ. 48(8): 641-642. 1956.

Phelps, E. L., Morris, M. A. and Lund, L. O.
The thermal conductivity of selected flannel and serge fabrics before and after wear. Amer. Dyestuff Reporter 45(7): 181-183. 1956. (Coop: South Dakota Agr. Expt. Sta.)

MISSISSIPPI

Family and Food Economics

Dickins, D. and Ferguson, V.
Dairy products consumption and the market, four Mississippi towns. Mississippi Agr. Expt. Sta. Bul. 542, 36 p. 1956.

Dickins, D.
Home consumption of milk. Mississippi Agr. Expt. Sta. Cir. 198, 10 p. 1955.

Dickins, D., Welch, L. D., Ferguson, V. and Christian, W. E.
Industrialization and a market for food products in the Laurel trade area. Mississippi Agr. Expt. Sta. Bul. 540, 28 p. 1956.

Dickins, D., Welch, L.D., Ferguson, V. and Christian, W. E.
Industrialization and a market for food products in the Natchez trade area. Mississippi Agr. Expt. Sta. Bul. 543, 27 p. 1956.

Dickins, D. and Fanelli, A. A.
Practices and preferences in consumption of sweet milk and "competing" beverages. J. Home Econ. 48(2): 114-118. 1956.

Food Composition and Nutritive Value

Almon, L., Gieger, M. and Anderson, W. S.
Effect of varied soil nitrogen on B vitamins in collards. Amer. Dietet. Assoc. J. 31(12): 1235-1237. 1955.

Sheets, O., Permenter, L., Wade, M., Anderson, W. S. and Gieger, M.
The effects of different levels of moisture on the vitamin, mineral and nitrogen content of turnip greens. Amer. Soc. Hort. Sci. Proc. 66: 258-260. 1955.

Miscellaneous

Home economics. In Mississippi Agr. Expt. Sta. 68th Annual Report (fiscal year ending June 30, 1955), p.25-27. (1956).

MISSISSIPPI (continued)

Miscellaneous (continued)

Home economists report on food, nutrition studies. Mississippi Farm Res. (Mississippi Agr. Expt. Sta.) 19(7): 6. 1956.

MISSOURI

Food Quality

Henrickson, R. L., Brady, D. E., Gehrke, C. W. and Brooks, R. F.
Dehydrated pork studies: removal of glucose by glucose-oxidase enzyme. Food Technol. 10(1): 1-3. 1956.

Henrickson, R. L., Sleeth, R. B. and Brady, D. E.
Sodium ascorbate in stabilizing cured meat color. Food Technol. 10(10): 500-503. 1956.

Lasley, F. G., Kiehl, E. R. and Brady, D. E.
Consumer preference for beef in relation to finish. Missouri Agr. Expt. Sta. Res. Bul. 580, (44) p. 1955.

Rhodes, V. J., Kiehl, E. R. and Brady, D. E.
Visual preferences for grades of retail beef cuts. Missouri Agr. Expt. Sta. Res. Bul. 583, 68 p. 1955.

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58) Univ. Illinois Press, Urbana, 1957. (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1): Pt.I, 544. 1956. (Coop: Iowa, Mich., Minn., Nebr., S. Dak. and Wisc. Agr. Expt. Stas.)

MISSOURI (continued)

Nutrition and Diet (continued)

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M. and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Hogan, A. G., Gillespie, G. T., Kocturk, O., O'Dell, B. L. and Flynn, L. M.
The percentage of protein in corn and its nutritional properties. J. Nutr. 57(2): 225-239. 1955.

Marlatt, A. L., Eppright, E. S., Patton, M.B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Mich., Minn., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA) (North Central Reg. Publ. 70)

O'Dell, B. L., Vandepopuliere, J. M., Morris, E. R., and Hogan, A. G.
Effect of a high phosphorus diet on acid-base balance in guinea pigs. Soc. Exptl. Biol. & Med. Proc. 91(2): 220-223. 1956.

O'Dell, B. L., Gordon, J.S., Bruemmer, J. H. and Hogan, A. G.
Effect of a vitamin B_{12} deficiency and of fasting on oxidative enzymes in the rat. J. Biol. Chem. 217(2): 625-630. 1955.

MISSOURI (continued)

Miscellaneous

Progress reports in Missouri Agr.Expt. Sta. Bul. 663, Agricultural Research for Everyone; what your Missouri Agricultural Experiment Station did in 1953-54 for you, p.6-9, 26-27, 29-30, 53-55. 1955.

Progress reports in Missouri Agr. Expt. Sta. Bul. 664, A fortune to share in research, A report to you of your own Missouri Agricultural Experiment Station for 1954-55, p.7, 70-73. 1955.

MONTANA

Food Composition and Nutritive Value

Mayfield, H. L., Roehm, R. R. and Beeckler, A. F.
Riboflavin and thiamine content of eggs from New Hampshire and White Leghorn hens fed diets containing condensed fish or dried whale solubles. Poultry Sci. 34(5): 1106-1111. 1955.

Food Preparation and Utilization

Wiedeman, K., Watson, M. A., Mayfield, H. L. and Walter, W. G.
Effect of delayed cooking on bacteria in meat loaf. Amer. Dietet. Assoc. J. 32(10): 935-940. 1956.

Food Quality

Neill, J. and Page, L.
The effect of antioxidants on frozen ground pork. Food Technol. 10(7): 315-319. 1956.

Housing

Bennion, M. P., Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr. Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Ariz., Calif., Colo., Utah and Wash. Agr. Expt. Stas. and USDA)

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M. P.
Space required to store food in western farm kitchens. Utah Agr. Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Ariz., Calif., Colo., Utah and Wash. Agr. Expt. Stas. and USDA)

MONTANA (continued)

Nutrition and Diet

Odland, L. M.
Bone density relationships in adolescence. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 567. 1956.

Odland, L. M. and Ostle, R. J.
Clinical and biochemical studies of Montana adolescents. Amer. Dietet. Assoc. J. 32(9): 823-828. 1956. (Coop: USDA)

Odland, L. M., Page, L. and Dohrman, S. T.
Dental caries experience of Montana students. Amer. Dietet. Assoc. J. 31(12): 1218-1222. 1955. (Coop: USDA)

Odland, L. M.
Dental studies with Montana college freshmen and adolescents. Amer. Assoc. Publ. Health Dentists Bul. 16(1): 6-8. 1956.

Odland, L. M., Page, L. and Guild, L. P.
Dietary studies of Montana fifteen-year-olds and of Montana college freshmen. Montana Agr. Expt. Sta. Bul. 518, Tech., 59 p. 1956. (Coop: USDA)

Odland, L. M., Page, L., and Guild, L. P.
Nutrient intakes and food habits of Montana students. Amer. Dietet. Assoc. J. 31(11): 1134-1142. 1955. (Coop: USDA)

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Idaho, N. M., Ore., Utah and Wash. Agr. Expt. Stas. and USDA)

NEBRASKA

Family Life and Child Development

Cannon, K. L. and Gingles, R.
Social factors related to divorce rates for urban counties in Nebraska. Rural Sociol. 21(1): 34-40. 1956.

NEBRASKA (continued)

Food Processing

Pivnick, H. and Fabian, F. W.
Simple calculations insure uniform pickle acidity. Food Eng. 28(9): 72-73. 1956. (Coop: Michigan Agr. Expt. Sta.)

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, 1956. (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Borchers, R. and Mohammad-Abadi, D.
Indican excretion by rats fed raw soybean oil meal. J. Nutr. 59(3): 435-442. 1956.

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I. 544. 1956. (Coop: Iowa. Mich., Minn., Mo., S. Dak. and Wisc. Agr. Expt. Stas.)

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D.T., Glenn, G., Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Leverton, R. M., Gram, M. R., Chaloupka, M., Brodovsky, E. and Mitchell, A.
The quantitative amino acid requirements of young women. I. Threonine. J. Nutr. 58(1): 59-81. 1956.

NEBRASKA (continued)

Nutrition and Diet (continued)

Leverton, R. M., Gram, M. R., Brodovsky, E., Chaloupka, M., Mitchell, A. and Johnson, A.
The quantitative amino acid requirements of young women. II. Valine. J. Nutr. 58(1): 83-93. 1956.

Leverton, R. M., Johnson, N., Pazur, J. and Ellison, J.
The quantitative amino acid requirements of young women. III. Tryptophan. J. Nutr. 58(2): 219-229. 1956.

Leverton, R. M., Johnson, N., Ellison, J., Geschwender, D. and Schmidt, F.
The quantitative amino acid requirements of young women. IV. Phenylalanine, with and without tyrosine. J. Nutr. 58(3): 341-353. 1956.

Leverton, R. M., Ellison, J., Johnson, J., Pazur, J., Schmidt, F. and Geschwender, D.
The quantitative amino acid requirements of young women. V. Leucine. J. Nutr. 58(3): 355-365. 1956.

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (North Reg. Reg. Publ. 70). (Coop: Ill., Iowa, Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Pazur, J. H., Budovich, T. and Tipton, C.
Enzymatic synthesis of an alpha 1,3'-linked glucosyl disaccharide. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 325. 1956.

Swanson, P.P., Leichsenring, J., Linkswiler, H. and Fox, H.
Protein nutrition of elderly women. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 574. 1956. (Coop. Iowa and Nebraska Agr. Expt. Stas.

NEVADA

None

NEW HAMPSHIRE

Nutrition and Diet

Teeri, A. E., Virchow, W. and Loughlin, M. E.
A microbiological method for the nutritional evaluation of proteins. J. Nutr. 59(4): 587-593. 1956.

NEW JERSEY

Food Processing

Ball, C. O.
Food sterilization methods--the future. Food Technol. 9(11): 588-590. 1955.

Food Quality

Borenstein, B., Stier, E. F. and Ball, C.O.
Determination of galacturonic acid in tomatoes and its changes on storage. J. Agr. & Food Chem. 3(12): 1041-1044. 1955.

Iacono, P. P., Ball, C. O. and Stier, E. F.
A correlation between the heat penetration and the rate of bacterial growth during the roasting of turkeys. Food Technol. 10(3): 159-161. 1956.

Lee, F. A.
The effect of sunlight on crude lipids extracted from fish and frozen vegetables. Food Res. 21(2): 254-263. 1956. (Coop: New Jersey Agr. Expt. Sta.)

Smith, D. V.
Does icewater bath affect flavor of chickens. New Jersey Agr. (N.J. Agr. Expt. Sta.) 37(1): 6-7. 1955.

Smith, D. V.
Want to freeze a salad? Here is how you do it. New Jersey Agr. (N.J. Agr. Expt. Sta.) 38(2): 12-13. 1956.

Stier, E. F., Ball, C. O. and Maclinn, W. A.
Changes in pectic substances of tomatoes during storage. Food Technol. 10(1): 39-43. 1956.

Stier, E. F. and Maclinn, W. A.
The effect of herbicide Karmex-W on the flavor of canned and frozen asparagus. Food Technol. 10(1): 26-27. 1956.

NEW JERSEY (continued)

Nutrition and Diet

Babcock, M. J.
Are industrial workers well-fed? Inplant Food Mangt. 2(7): 25-26. 1955.

NEW MEXICO

Nutrition and Diet

Wilcox, E. B., Gillum, H. L. and Hard, M.M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Idaho, Mont., Oreg., Utah and Washington Agr. Expt. Stas. and USDA)

Miscellaneous

Progress reports in Research Points the Way (66th Ann. Rpt. 1954-1955, New Mexico Agr. Expt. Sta.): 29-31. 1956.

NEW YORK STATE

Food Processing

Kertesz, Z. I.
Food processing with ionizing radiations. Farm Res. (New York State and Cornell Agr. Expt. Stas.) 21(4): 6-7. 1955.

Food Quality

Atkin, J. D.
Bitter flavor in carrots. II. Progress report on field and storage experiments. New York Agr. Expt. Sta. Bul. 774, 30 p. 1956.

Lee, F. A.
The effect of sunlight on crude lipids extracted from fresh and frozen vegetables. Food Res. 21(2): 254-263. 1956. (Coop: New Jersey Agr. Expt. Sta.)

Pederson, C. S., Albury, M. N. and Robinson, W. B.
Effects of salt-acid ratio on quality of sauerkraut. Food Packer 37(8): 26. 1956.

NEW YORK (continued)

Food Quality (continued)

Robinson, W. B., Kimball, L. B., Ransford, J. R., Moyer, J. C. and Hand, D. B.
Factors influencing the degree of settling in tomato juice. Food Technol. 10(2): 109-112. 1956.

Sondheimer, E., Phillips, W. F., and Atkin, J. D.
Bitter flavor in carrots. I. A tentative spectrophotometric method for the estimation of bitterness. Food Res. 20(6): 659-665. 1955.

Sondheimer, E. and Wilson, D. C.
The effect of pH on the utilization of glutamic acid, glutamine and their derivatives by Lactobacillus arabinosus. Arch. Biochem. & Biophys. 61(2): 313-323. 1956.

NEW YORK (Cornell)

Food Composition and Nutritive Value

Jacobson, M. and Fenton, F.
Effects of three levels of nutrition and age of animal on the quality of beef. I. Palatability, cooking data, moisture, fat, and nitrogen; II. Color, total iron content, and pH; III. Vitamin B_{12} content. Food Res. 21(4): 415-426, 427-435, 436-440. 1956.

Johnston, F. A.
Iron content of eggs. Amer. Dietet. Assoc. J. 32(7): 644-646. 1956.

Pederson, C. S., Whitcombe, J. and Robinson, W. B.
The ascorbic acid content of sauerkraut. Food Technol. 10(8): 365-367. 1956.

Scott, M. L.
Composition of turkey meat. Amer. Dietet. Assoc. J. 32(10): 941-944. 1956.

NEW YORK (CORNELL) (continued)

Food Preparation and Utilization

Briant, A. M. and Willman, A. R.
Quick and easy rolls and sweet yeast breads. New York (Cornell) Agr. Ext. Bul. 944, 4 p. 1955.

Briant, A. M. and Willman, A. R.
Whole-egg sponge cakes. J. Home Econ. 48(6): 420-421. 1956.

Briant, A. M., Schwartz, E. T., Longreé, K. and Dorr, N.
Chiffon cakes. Farm Res. (New York State and Cornell Agr. Expt. Stas.) 21(4): 12. 1955.

Felt, S. A., Longreé, K. and Briant, A. M.
Instability of meringued pies. Amer. Dietet. Assoc. J. 32(8): 710-715. 1956.

Knickrehm, M. A., Longreé, K. and Felt, S. A.
Cookies for your community meals. New York (Cornell) Ext. Bul. 970, 8 p. 1956.

Knickrehm, M. A., Longreé, K. and Felt, S. A.
Desserts for your community meals. New York (Cornell) Ext. Bul. 962, 32 p. 1956.

Zaehringer, M. V., Briant, A. M. and Personius, C. J.
Effect on baking powder biscuits of four flour components used in two proportions. Cereal Chem. 33(3): 170-180. 1956.

Food Quality

Baker, R. C., Naylor, H. B., Pfund, M. C., Einset, E., and Staempfli, W.
Keeping quality of ready-to-cook and dressed poultry. Poultry Sci. 35(2): 398-406. 1956.

Fenton, F., Sheffy, B.E., Naumann, H. D., Wellington, G.H., Hogue, D. and Mahon, P.
The quality of smoked ham as affected by adding antibiotic and fat to the diet and phosphate to the cure. II. Objective color. Food Technol. 10(6): 272-274. 1956.

NEW YORK (CORNELL) (Continued)

Food Quality (continued)

Fenton, F., Flight, I. T., Robson, D. S., Beamer, K. C., and How, J. S.
Study of three cuts of lower and higher grade beef, unfrozen and frozen, using two methods of thawing and two methods of braising. New York (Cornell) Agr. Expt. Sta. Mem. 341, 68 p. 1956.

Guthrie, E. S.
Role of ascorbic acid in development of oxidized flavors in dairy products. New York (Cornell) Agr. Expt. Sta. Mem. 340. 56 p. 1955.

Hester, E. E., Briant, A. M., ahd Personius, C. J.
The effect of sucrose on the properties of some starches and flours. Cereal Chem. 33(2): 91-101. 1956.

Leeking, P., Mahon, P., Hogue, D., Lim, E. and Fenton, F.
The quality of smoked hams as affected by adding an antibiotic and fat to the diet and phosphate to the cure. III. Moisture, fat, chloride and thiamine content. Food Technol. 10(6): 274-276. 1956.

Longree, K.
Discoloration of machine-peeled potatoes. Amer. Dietet. Assoc. J. 32(7): 639-643. 1956.

Mahon, P., Hogue, D., Leeking, P., Lim, E. and Fenton, F.
The quality of smoked ham as affected by adding antibiotic and fat to the diet and phosphate to the cure. I. Cooking losses, palatability, separable fat, and shear values. Food Technol. 10(6): 265-272. 1956.

Smith, O.
How to grow and store potatoes for the chip industry. Amer. Potato J. 32(7): 265-271. 1955. also in Potato Chipper 15(3): 56,58,60,62, 64. 1955; Nat. Potato Counc. News 2(9): 4-7. 1956.

Smith, O.
Progress in research. Potato Chipper 15(8): 71-72, 74, 76, 78-79, 80. 1956.

NEW YORK (CORNELL) (continued)

Home and Institutional Management

Knoll, M. M.
Using research in family economics and home management in high school teaching. J. Home Econ. 47(9): 673-676. 1955.

Walker, K. E.
New York state home making work units. New York (Cornell) Ext. Serv. (unnumbered, unpaged folder). Revised 1956.

Williamson, L. J., MacDonald, J. F. and Warren, E. C.
A housecleaning handbook. New York (Cornell) Agr. Ext. Bul. 950, 30 p. 1956.

Williamson, L. J., Warren, E. C. and MacDonald, J.
Cleaning supplies...what they are...how to use them. New York (Cornell) Agr. Ext. Serv. Bul. 951, (4) p. 1956.

Williamson, L. J., Ware , E. C. and MacDonald, J.
How to clean wallpaper,walls, and woodwork. New York (Cornell) Agr. Ext. Bul. 952, (4) p. 1956.

Williamson, L. J., Warren, E. C. and MacDonald, J.
How to dust and clean furniture. New York (Cornell) Agr. Ext. Bul. 953, (4) p. 1956.

Williamson, L. J., Warren, E. C. and MacDonald, J.
How to care for the glass and metals in your home. New York (Cornell) Agr. Ext. Bul. 954, (4) p. 1956.

Williamson, L. J., Warren, E. C., and MacDonald, J.
How to clean and care for plastics. New York (Cornell) Agr. Ext. Bul. 955, (4) p. 1956.

Household Equipment

Woodard, J. and Williamson, L.
Servicing and repair of small electrical appliances. Farm Res. (New York State & Cornell Agr.Exp. Stas.) 22(3): 2. 1956.

NEW YORK (CORNELL) (continued)

Housing

Beyer, G. H.
Planning the kitchen. Refrig. Eng. 64(5): 55-58. 1956.

Nutrition and Diet

Frank, R. M. and Johnston, F. A.
Total energy needs of women 22 to 36 years old. Amer. Dietet. Assoc. J. 31(10): 1007-1009. 1955.

Fryer, J. H.
Blood glucose responses to the energy-yielding nutrients. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1)Pt.I, 552. 1956.

Hauck, H. M. and Sudsaneh, S.
Dietary study in a Thai village. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 555. 1956.

Johnston, F. A., Tredwell, C. and Diao, E.
Effect of previous calcium intake of four young men on amount retained from a low calcium diet. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 559. 1956.

Lutz, R. N., Derby, M. B., Einset, B. M., Pierce, Z.H. and Williams, H. H.
Nitrogen retention and riboflavin metabolism in human subjects fed low intakes of the vitamin. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 561-562. 1956.

McCay, C. M., Pope, F. and Lunsford, W.
Experimental prolongation of the life span. N.Y. Acad. Medicine Bul. 32(2): 91-101. 1956.

McOsker, D. E. and Daniel, L. J.
A colorimetric, micro method for acetylcholinesterase. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 313. 1956.

Steele, B. F., Liner, R. L., Pierce, Z. H. and Williams, H. H.
Ascorbic acid nutriture in the human. II. Content of ascorbic acid in the white cells and sera of subjects receiving controlled low intakes of the vitamin. J. Nutr. 57(3): 361-386. 1955.

NEW YORK (CORNELL) (continued)

Nutrition and Diet (continued)

Young, C. M., Beresford, K. and Waldner, B. G.
How much do homemakers know about food and nutrition? Farm Res. (New York State and Cornell Agr. Exp. Stas.) 22(4): 3. 1956.

Young, C. M., Moore, N. S., Berresford, K., Einset, B. M. and Waldner, B. G.
The problem of the obese patient. Amer. Dietet. Assoc. J. 31(11): 1111-1115. 1955.

Young, C. M., Berresford, K. and Waldner, B. G.
What the homemaker knows about nutrition. I. Description of studies in Rochester and Syracuse, New York; III. Relation of knowledge to practice. Amer. Dietet. Assoc. J. 32(2): 214-217, (4): 321-326. 1956.

Young, C. M., Waldner, B. G. and Berresford, K.
What the homemaker knows about nutrition. II. Level of nutritional knowledge;IV. Her food problems, shopping habits, and sources of information. Amer. Dietet. Assoc. J. 32(3): 218-222, (5): 429-434. 1956.

NORTH CAROLINA

Food Composition and Nutritive Value

Harward, M. E., Jackson, W. A., Lott, W. L., and Mason, D. D.
Effects of Al, Fe and Mn upon the growth and composition of lettuce. Amer. Soc. Hort. Sci. Proc. 66: 261-266. 1955.

Food Processing

Christian, J. A.
Curing hams country style. North Carolina Agr. Ext. Circ. 405, 15 p. 1956.

Food Quality

Bell, T. A., Etchells, J. L., and Jones, I. D.
A method for testing cucumber salt-stock brine for softening activity. U.S. Dept. Agr., Agr. Res. Serv. ARS-72-5, 15 p., processed. 1955. (Coop: USDA)

NORTH CAROLINA (continued)

Nutrition and Diet

Tove, S. B., Andrews, J. S., Jr. and Lucas, H. L.
Turnover of palmitic, stearic, and unsaturated fatty acids in rat liver. J. Biol. Chem. 218(1): 275-281. 1956.

Textiles and Clothing

Hawkins, J. B. and Keeney, P. E.
Qualities of Dacron and cotton blends used in shirtings compared with all-cotton fabrics of similar construction. J. Home Econ. 48(3): 189-194. 1956.

NORTH DAKOTA

Food Quality

Harris, R. H. and Sibbitt, L. D.
Relations between wheat protein content, loaf volume, expansion volume, and sedimentation value. I. Plant breeders' samples; II. Samples delineated by particle size. Cereal Chem. 33(1): 74-78; (4): 273-275. 1956.

Housing

Hodgell, M. E.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr.Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 58), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., Ohio, S. Dak., and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D. T., Glenn, G.,Adrian, F., Bowser, M., and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Exp. Sta. Res. Bul. 434, p. 614-631. 1955. (North Central Reg. Publ. 59). (Coop: Ill., Ind., Iowa, Kans, Mich., Minn., Mo., Nebr., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

NORTH DAKOTA (continued)

Nutrition and Diet (continued)

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (North Central Reg. Publ. 70) (Coop: Ill., Iowa, Kans., Mich., Minn., Mo., Nebr., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

OHIO

Family Life and Child Development

Hillman, C. H.
Farm start is costly. Ohio Farm & Home Res. (Ohio Agr. Expt. Sta.) 41(298): 9-10. 1956.

Hillman, C. H.
Station project will trace trend to part-time farming. Ohio Farm and Home Res. (Ohio Agr. Expt. Sta.) 40(296): 76-77. 1955.

Family and Food Economics

Hillman, C. H.
Part-time farming...its influence on young families. Ohio Agr.Expt. Sta. Res. Bul. 775, 70 p. 1956.

Recommendations for more effective school milk programs. Ohio Agr. Expt. Sta. Res. Bul. 777 (North Central Reg. Publ.74), 11 p. 1956.

Food Preparation and Utilization

Deskins, B. and Winter, A. R.
Cooked, edible meat in parts of poultry. II. Geese. Amer. Dietet. Assoc. J. 32(3): 211-213. 1956.

Food Processing

Deatherage, F. E.
The use of antibiotics in the preservation of foods other than fish. in Proc. 1st Intern. Conf. on the Use of Antibiotics in Agriculture, Oct.19-21, 1955, p.211-222. 1956. (Nat. Acad. Sci., Nat. Res. Counc. Publ. 397)

OHIO (continued)

Food Quality

Arnold, N., Wierbicki, E. and Deatherage, F. E.
Post mortem changes in the interactions of cations and proteins of beef and their relation to sex and diethylstilbestrol treatment. Food Technol. 10(6): 245-250. 1956.

Davis, R.B. and Gould, W. A.
The effect of processing methods on the color of tomato juice. Food Technol. 9(11): 540-547. 1955.

Davis, R. B. and Gould, W. A.
A proposed method for converting Hunter color difference meter readings to Munsel hue, value and chroma renotations corrected for Munsell value. Food Technol. 9(11): 536-540. 1955.

Draudt, H. N. and Deatherage, F. E.
Studies on the chemistry of cured meat pigment fading. Food Res. 21(1): 122-132. 1956.

Fritsch, C. W. and Deatherage, F.E.
A study of the volatile compounds produced by the autoxidation of methyl oleate, oleic acid, and bis-9-octadecene. Amer. Oil Chem. Soc. J. 33(3): 109-113. 1956.

Gould, W. A., Davis, R. B., Krantz, F. A., Jr. and Healy, N. C.
A study of some of the factors affecting the grade relationship of fresh and processed vegetables. Ohio Agr. Expt. Sta. Res. Bul. 781, 59 p. 1956.

Gould, W.A.
USDA amends regulations for inspection of processed fruits and vegetables. Food Packer 36(9): 25, 38. 1955.

Habib, A. T. and Brown, H. D.
Factors influencing the color of potato chips. Food Technol. 10(7): 332-336. 1956.

Mabrouk, A. F. and Deatherage, F. E.
Organic acids in brewed coffee. Food Technol. 10(4): 194-197. 1956.

OHIO (continued)

Food Quality (continued)

Rolfs, T., Clements, P. and Winter, A. R.
The physical and functional properties of lyophilized whole egg, yolk, and white. Food Technol. 9(11): 569-572. 1955.

Wierbicki, E., Kunkle, L. E., Cahill, V. R. and Deatherage, F. E.
Post mortem changes in meat and their possible relation to tenderness together with some comparisons of meat from heifers, bulls, steers, and diethylstilbestrol treated bulls and steers. Food Technol. 10(2): 80-86. 1956.

Home Management

Weaver, E. K., Singer, M. E. and Teater, D.
A working copy of an annotated bibliography on topics pertinent to the study of energy expenditure and other physiological factors involved in the performance of household tasks. Ohio Agr.Expt. Sta. Home Econ. Mimeo. Ser. 3, 928 p. 1956. (NC-9)

Household Equipment

Weaver, E. K., Bloom, C. E. and Feldmiller, I.
A study of hand versus mechanical dishwashing methods. Ohio Agr. Expt. Sta. Res. Bul. 772, 42 p. 1956.

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ.53), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Weaver, E. K. and Everhart, V. V.
Home economists attempt to answer questions on work counter surfaces. Ohio Farm and Home Res. (Ohio Agr. Expt.Sta.) 40(297): 92-96. 1955.

OHIO (continued)

Nutrition and Diet

Berman, D., Yacowitz, H. and Weiser, H. H.
A differential microbiological assay for vitamin B_{12} and pseudovitamin B_{12}. Appl. Microbiol. 4(1): 49-52. 1956.

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M. and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Mabrouk, A. F. and Brown, J. B.
The trans fatty acids of margarine and shortenings. Amer. Oil Chem. Soc. J. 33(3): 98-102. 1956.

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Mich., Minn., Mo., Nebr., No. Dak., S. Dak. and Wisc. Agr.Exp. Stas. and USDA)

OKLAHOMA

Family Life and Child Development

Tarver, J. D.
The cost of rearing Oklahoma farm children. Oklahoma Agr. Expt.Sta. Bul. B-467, 8 p. 1956.

Food Quality

Morris, E.
Quality control of frozen pastry. Oklahoma Agr. Expt. Sta. Techn. Bul. T-63, 12 p. 1956.

OKLAHOMA (continued)

Nutrition and Diet

Sirny, R. J. and Mills, J. N.
Factors modifying amino acid interrelationships and related peptide effects in lactic acid bacteria. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 356-357. 1956.

OREGON

Food Preparation and Utilization

Charley, H.
Characteristics of shortened cake baked in a fast- and in a slow-baking pan at different oven temperatures. Food Res. 21(3): 302-305. 1956.

Mackey, A. and Stockman, J.
Soft wheat flour pie crust. Oregon Agr.Expt. Sta. Circ. Inform. 560. 1956.

Food Processing

Schultz, H. W., Cain, R. F., Nordan, H. C. and Morgan, B. H.
Concomitant use of radiation with other processing methods for meat. Food Technol. 10(5): 233-238. 1956.

Food Quality

Aref, M., Sidwell, A. P. and Litwiller, E. M.
The effects of various sweetening agents on frozen strawberries for preserve manufacture. Food Technol. 10(7): 293-297. 1956.

Brekke, J. E., Nimmo, C. C., Swenson, H. A., Samuels, C.E. and Brock, J. R.
New washing technique ups berry throughput--by outing out insects with wetting agents. Food Engin. 28(9): 84-85, 154, 155. 1956. (Coop: USDA)

Kitson, J. A., Strachan, C. C. and Cain, R. F.
Rapid sugar extraction procedure for analysis of candied fruits, jams, and fresh fruits. J. Agr. & Food Chem. 3(10): 862-864. 1955.

Mackey, A. O. and Valassi, K.
The discernment of primary tastes in the presence of different food textures. Food Technol. 10(5): 238-239. 1956.

OREGON (continued)

Food Quality (continued)

Tinsley, I. J., Sidwell, A. P. and Cain, R. F.
Methods of presenting raspberry and strawberry samples to the Unter Color and Color-Difference Meter. Food Technol. 10(8): 339-344. 1956.

Nutrition and Diet

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the W estern Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Idaho, Mont., N. M., Utah and Wash. Agr. Expt.Stas. and USDA)

Textiles and Clothing

Ingalls, I.
Clothing problems of the grade school girl. J. Home Econ. 48(6): 422-425. 1956.

Petzel, F. E.
The behavior of certain cotton and linen fabrics with respect to the absorption of water and drying. Amer. Dyestuff Rptr. 45(13): 399-404. 1956.

PENNSYLVANIA

Family and Food Economics

Honey, R. R.
Family use of financial resources. J. Home Econ. 48(5): 347-348. 1956.

Honey, R. R. and Britton, V.
Some aspects of financial planning among rural families in a central Pennsylvania community. Pennsylvania Agr. Exp. Sta. Res. Pub. 134 (Progr. Rpt. 148) 8 p. 1956.

Food Composition and Nutritive Value

Shigley, J. W., Bonhorst, C. W., Liang, C. C., Althouse, P. M. and Triebold, H. O.
Physical characterization of a) a series of ethyl esters and b) a series of ethanoate esters. Amer. Oil Chem. Soc. J. 32(4): 213-215. 1955.

Food Quality

Bennett, G., Spohr, B. M. and Dodds, M. L.
The value of training a sensory test panel. Food Technol. 10(4): 205-208. 1956.

PENNSYLVANIA (continued)

Food Quality (continued)

Fromm, D. and Margolf, P. H.
The effect of diethylstilbestrol on dressing and cooking losses of New Hampshire broiler-fryers. Poultry Sci. 35(2): 254-256. 1956.

Pierce, R. T., Shaw, M. D., Heck, J. G. and Bennett, G.
Small storage temperature differences can affect...the quality of frozen...strawberries... and green beans. Refrig. Eng. 63(11): 52-57. 1955.

Home and Institutional Management

Henderson, F. S. and Riebel, L. J.
We enjoy life as home management house advisers. In Symposium, Home Management House Advisers. J. Home Econ. 48(4): 246-247. 1956.

Housing

Wiesendanger, D. E.
Housing research in relation to home management. J. Home Econ. 48(1): 25-26, 1956.

Nutrition and Diet

Bylund, H. B. and Baker, R. L.
Effectiveness of techniques used in a better breakfast program. Pennsylvania Agr. Expt. Sta. Progr. Rpt. 146, p.3-4. 1956.

Guerrant, N. B.
Relative growth responses of previously depleted male and female rats to vitamin A supplementation. Proc. Soc. Exptl. Biol. & Med. 92(2): 269-271. 1956.

Hartsook, E. W.
A study of the effect of chlortetracycline (aureomycin) upon calcium retention by the growing male albino rat. J. Nutr. 60(1): 97-104. 1956.

Ross, M. L. and Pike, R. L.
The relationship of vitamin B_6 to protein metabolism during pregnancy in the rat. J. Nutr. 58(2): 251-268. 1956.

PENNSYLVANIA (continued)

Nutriton and Diet (continued)

Ross, M. L. and Pike, R. L.
The relationship of vitamin B_6 to serum protein and nonprotein nitrogen in the rat during pregnancy. J. Nutr. 60(2): 211-219. 1956. (Abs. in Fed. Proc. (Fed. Amer. Socs. Expto. Biol.) 15(1) Pt.I, 571. 1956.

Textiles and Clothing

Boettke, E. M. and Zook, M. O.
Dress designs with self-help features for the preschool child. J. Home Econ. 48(8): 643-646. 1956.

PUERTO RICO

Food Composition and Nutritive Value

Arostegui, F., Asenjo, C. F., Muniz, A. I. and Alemany, L.
Observations and data on a promising selection of the West Indian cherry, Malpighia punicifolia L. Univ. Puerto Rico. J. Agr. 39(2): 51-56. 1955.

Asenjo, C. F. and Porrata, E. I.
The carotene content of green and ripe plantains. Univ. Puerto Rico J. Agr. 40(3): 152-156. 1956.

Santini, R., Jr. and Nevarez, J.
Extraction of ascorbic acid from acerolas (Malpighia punicifolia L.) Univ. Puerto Rico J. Agr. 39(4): 184-189. 1955.

Food Quality

Santini, R., Jr. and Huyke, A.
Identification of the anthocyanin present in the acerola which produces color changes in the juice on pasteurization and canning. Univ. Puerto Rico J. Agr. 40(3): 171-178. 1956.

Nutrition and Diet

Asenjo, C. F.,Alvarez, O. G. and King, R. R., Jr.
Human availability studies of the vitamin C in the acerola (Malpighia puncifolia L.) Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 14(1): Pt.I, p.427. 1955.

PUERTO RICO (continued)

Nutrition and Diet (continued)

Goyco, J. A.
A study of the relation between the liver protein regeneration capacity and the hepatic necrogenic activity of yeast proteins. J. Nutr. 58(3): 299-308. 1956.

Rhode Island

Food Composition and Nutritive Value

Tucker, R. E., Brown, P. T. and Hedrick, D. I.
Ascorbic acid content of fruits and vegetables served college students. Rhode Island Agr. Expt. Sta. Bul. 331, 15 p. 1955.

Home and Institution Management

Crandall, E. W.
Newer aspects of home management. J. Home Econ. 48(8): 631-634. 1956.

Nutrition and Diet

Tucker, R. E.
Ascorbic acid is important. Rhode Island Agriculture (R.I. Agr. Expt. Sta.) 2(2): 7-8, 10. 1955-56.

SOUTH CAROLINA

Family and Food Economics

Drake, P., Roach, F. E. and Watson, E. S.
Use of milk by rural families South Carolina 1953. South Carolina Agr. Expt. Sta. Bul. 431, 31 p. 1955.

Drake, P. and Roach, F. E.
Use of milk by urban and rural families in South Carolina. South Carolina Agr. Exp. Sta. Bul. 437, 22 p. 1956.

Watson, E. S.
Expenditures for farm and nonfarm family living. South Carolina Agr. Expt. Sta. Bul. 427, (41) p. 1955.

SOUTH CAROLINA (continued)

Food Preparation and Utilization

Recipes and commercial uses South Carolina sesame. South Carolina Agr. Expt. Sta. Cir. 101, 16 p. 1956.

Food Processing

Van Blaricom, L. O.
Design and operating characteristics of a new type, continuous, agitating cooker and cooler as applied to the processing of freestone peaches. South Carolina Agr. Expt. Sta. Bul. 429, 31 p. 1955.

Food Quality

Lease, J.G. and Lease, E. J.
Effect of fat-soluble antioxidants on the stability of the red color of peppers. Food Technol. 10(9): 403-405. 1956.

Lease, J. G. and Lease, E. J.
Factors affecting the retention of red color in peppers. Food Technol. 10(8): 368-373. 1956.

Progress reports in South Carolina Agr. Expt. Sta. 66th Ann. Rpt. (for the fiscal year ending June 30, 1953), p.37, 38-39. 1954.

Progress reports in South Carolina Agr. Expt. Sta. 67th Ann. Rpt. for the fiscal year ended June 30, 1954, p.34-35, 36-38, 42-45. 1955.

SOUTH DAKOTA

Food Preparation and Utilization

Alsup, B., Burrill, L. and Wangberg, G.
South Dakota plums. South Dakota Farm and Home Res. (S. D. Agr. Expt.Sta.) 7(4): 91-93, 116. 1956. Also reprinted in S. Dak. 69th Ann. Rpt. July 1, 1955 to June 30, 1956, p. 91-93, 116. (1957).

Housing

Dimit, R. H.
The house we live in. South Dakota Farm & Home Res. (S. D. Agr. Expt. Sta.) 7(2): 36-39. Winter 1956. Also reprinted in S. D. Sta. 69th Ann. Rpt. for July 1, 1955 to June 30, 1956, p.36-39 (1957).

SOUTH DAKOTA (continued)

Housing (continued)

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 53), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa. Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio, S. Dak. and Wisc. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 544. 1956. (Coop: Iowa, Mich., Minn., Mo., Nebr., and Wisc. Agr. Expt. Stas.

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A. L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluyas, S. B., Tyrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M. and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop. Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio and Wisc. Agr. Expt. Stas. and USDA)

Marlatt, A. L., Eppright, E. S., Patton, M. B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Mich., Minn., Mo. Nebr., No. Dak., Ohio and Wisc. Agr. Expt. Stas. and USDA) (North Central Reg. Publ. 70)

SOUTH DAKOTA (continued)

Textiles and Clothing

Lund, L. O., Phelps, E. L. and Morris, M. A.
A modern textile development. Blended suitings. South Dakota Farm & Home Res. (South Dakota Agr. Expt. Sta.) 7(1): 10-13, 21. 1955. (Coop: Minnesota Agr. Expt. Sta.) Also reprinted in So. Dak. Sta. 69th Ann. Rpt. for July 1, 1955 to June 30, 1956, p.10-12, 21. (1956).

Morris, M. A., Lund, L. O. and Phelps, E. L.
Blouse and shirt fabrics--cotton compared to newer fibers. Minnesota Farm & Home Sci. (Minnesota Agr. Expt. Sta.) 13(3): 10-11. 1956. (Coop: South Dakota Agr. Expt. Sta.)

Phelps, E. L., Morris, M. A. and Lund, L. O.
The thermal conductivity of selected flannel and serge fabrics before and after wear. Amer. Dyestuff Rptr. 45(7): 181-183. 1956. (Coop: Minnesota Agr. Expt. Sta.)

Miscellaneous

Progress reports in Agr. Res. in S. Dak. (68th Ann. Stat. Rep. July 1, 1954 to June 30, 1955), p.135-136. (1956).

Progress reports in Agricultural Res. in So. Dakota (69th Ann. Stat. Rpt., July 1, 1955 to June 30, 1956), p.117-118, 137-138. 1956.

TENNESSEE

Family and Food Economics

Downen, M. L.
Consumption of milk in Tennessee schools, March 1955. Tennessee Agr. Expt. Sta. Rural Res. Ser. Monogr. 274, 185 p. Mar.31, 1956.

Food Processing

Meyer, B.
Home freezing of prepared and precooked foods. J. Home Econ. 47(8): 603-606. 1955.

TENNESSEE (continued)

Food Quality

Meyer, B., Moore, R. and Buckley, R.
Gas production and yeast roll quality after freezer storage of fermented and unfermented doughs. Food Technol. 10(4): 165-168. 1956.

Mundt, J. O.
The direct microscopic enumeration of bacteria in the washing of green beans. Food Res. 21(1): 21-26. 1956.

Housing

Gassett, L.
How much is "enough" space? Tennessee Farm & Home Sci. (Tennessee Agr. Expt. Sta.) Progr. Rpt.17, 4, 9. 1956

Sharp, M. A.
New block builds all-concrete house. Tennessee Farm and Home Sci. (Tenn. Agr. Expt.Sta.) Progr. Rpt. 19, p.8. 1956.

Nutrition and Diet

Schofield, F. A., Williams, D. E., Morrell, E., McDonald, B. B., Brown, E. and MacLeod, F. L.
Utilization of calcium, phosphorus, riboflavin and nitrogen on restricted and supplemented diets. J. Nutr. 59(4): 561-577. 1956.

Miscellaneous

Progress reports in Tennessee Agr. Expt. Sta. 68th Ann. Rpt, 1955, p.34-37, 37-41. 1956.

TEXAS

Food Composition and Nutritive Value

Cover, S. and Smith, W. H., Jr.
Effect of moist and dry heat cooking on vitamin retention in meat from beef animals of different levels of fleshing. Food Res. 21(2): 209-216. 1956.

TEXAS (continued)

Food Composition and Nutritive Value (continued)

Cover, S. and Smith, W. H., Jr.
Variation in thiamine content of raw beef muscle. J. Anim. Sci. 15(3): 902-910. 1956.

Food Preparation and Utilization

Whitacre, J., Lamb, M.W., McLaughlin, L., Scoular, F. I. and Winters, J. C.
Corn meal in the food supply of Texans. Texas Agr. Expt. Sta. Bul. 831, 18 p. 1956.

Food Processing

Cover, S., Shrode, M. C. and Reynolds, H.
The evaluation of processing times for raw-pack canning of some low-acid vegetables at home. Food Res. 21(4): 405-414. 1956. (Coop: USDA)

Food Quality

Cover, S. and Shrode, M. C.
The effect of moist and dry heat cooking on palatability scores and shear force values of beef from animals of different levels of fleshing. J. Home Econ. 47(9): 681-685. 1955.

Cover, S. and Smith, W. H., Jr.
The effect of two methods of cooking on palatability scores, shear force values, and collagen content of two cuts of beef. Food Res. 21(3): 312-321. 1956.

Cover, S., Butler, O. D., and Cartwright, T.CVv
The relationship of fatness in yearling steers to juiciness and tenderness of broiled and braised steaks. Jour. Anim. Sci. 15(2): 464-472. 1956.

Sorensen, H. B.
Methods of determining the optimum stage of maturity for picking green-wrap tomatoes. Texas Agr. Expt. Sta. Bul. 820, 12 p. 1955.

Nutrition and Diet

Jones, C. C., Brown, S. O., Richardson, L. R. and Sinclair, J. G.
Tissue abnormalities in newborn rats from vitamin B_{12} deficient mothers. Soc. Exptl. Biol. & Med. Proc. 90(1): 135-140. 1955.

TEXAS (continued

Nutrition and Diet (continued)

Richardson, L. R. and Brock, R.
Studies of reproduction in rats using large doses of vitamin B_{12} and highly purified soybean proteins. J. Nutr. 58(1): 135-145. 1956.

Snell, E. E. and Metzler, D. E.
Water-soluble vitamins. Part II. Vitamin B6, nicotinic acid, biotin, ascorbic acid). in Ann. Rev. Biochem., v.25, p.435-462, Ann. Reviews, Inc., Stanford, Cal., 1956.

Textiles and Clothing

Grimes, M. A. and Werman, C. A.
Effect of laundering on shirts. Textile Res. J. 26(2): 112-113. 1956.

UTAH

Food Processing

Barber, J.
Juices and purees. Utah Farm & Home Sci. (Utah Agr. Expt.Sta.) 17(1): 2-4, 16. 1956.

Food Quality

Barber, J. and Gerber, R. K.
It's all a matter of taste. Farm and Home Sci. (Utah Agr. Expt. Sta.) 17(3): 65-66. 1956.

Henry, C. H., Wilcox, E. B., Pollard, L. H., Salunkhe, D. K. and Lindquist, F. E.
Evaluation of certain methods to determine maturity in relation to yield and quality of yellow sweet corn grown for processing. Food Technol. 10(8): 374-380. 1956. (Coop: USDA)

Norton, R. A.
Best strawberries for freezing. Utah Farm & Home Sci. (Utah Agr. Expt. Sta.) 17(1): 17, 26, 27. 1956.

Salunkhe, D. K. and Pollard, L. H.
Further studies on the microscopic examination of starch grains in relation to maturity of lima beans. Food Technol. 9(10): 521-522. 1955.

Salunkhe, D. K.
Sorbic acid as a preservative for apple juice. Food Technol. 9(11): 590. 1955.

UTAH (continued)

Housing

Bennion, M. P., Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr. Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Ariz., Calif., Colo., Mont. and Wash. Agr. Expt. Stas. and USDA)

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M. P.
Space required to store food in western farm kitchens. Utah Agr. Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Ariz., Calif., Colo., Mont. and Washington Agr. Expt. Stas. and USDA)

Nutrition and Diet

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Idaho, Mont., N.M., Ore. and Wash. Agr. Expt. Stas. and USDA)

VERMONT

Family and Food Economics

Pierce, H. B. and Merrow, S. B.
Orange juice. Vermont Farm and Home Sci. (Vermont Agr. Expt. Sta.) 1(4): 6-7. 1956.

Sykes, J. G.
Milk vending in Vermont. Vermont Agr. Expt. Sta. Bul. 592, 12 p. 1956.

Food Composition and Nutritive Value

Hopp, R. J.
Vermont grown vitamin C. Vermont Farm and Home Sci. (Vermont Agr. Expt.Sta.) 1(4): 10-11. 1956.

VERMONT (continued)

Food Preparation and Utilization

Williams, B.
Experimental cookery. Vermont Farm & Home Sci. (Vermont Agr. Expt. Sta.) 2(2): 12-14. 1956.

Nutrition and Diet

Merrow, S. B. and King, F. B.
Food preferences of selected groups of native Vermonters. Vermont Agr. Expt. Sta. Bul. 590, 38 p. 1956.

VIRGINIA

Food Composition and Nutritive Value

Eheart, J. F., Young, R. W., Massey, P. H., Jr., and Havis, J. R.
Crop, light intensity, soil pH, and minor element effects on the yield and vitamin content of turnip greens. Food Res. 20(6): 575-581. 1955.

Eheart, J. F., Young, R. W., and Allison, A. H.
Variety, type, year, and location effects on the chemical composition of peanuts. Food Res. 20(5): 497-505. 1955.

Food Quality

Bradley, R. A. & Somerville, P. N.
Statistical techniques for sensory testing of processed foods. Virginia Agr. Expt.Sta. Dept. Stat. & Stat. Lab., Progr. Rpt. 2, 26 p. 1956.

Bradley, R.A.
Rank analysis of incomplete block designs. III. Some large-sample results on estimation and power for a method of paired comparisons. Biometrika 42(3/4): 450-470. 1955.

Eheart, M. S.,Thomas, H. R. and Taylor, J.C.
Palatability and chemical differences in cooked Smithfield hams from full-fed hogs on peanut and corn rations. Food Res. 20(6): 548-553. 1955.

Kramer, C. Y.
A method of choosing judges for a sensory experiment. Food Res. 20(5): 492-496. 1955.

VIRGINIA (continued)

Nutrition and Diet

Dean, W. T.
Nutritional status of women industrial workers in Virginia. Amer. Dietet. Assoc. J. 32(1): 24-28. 1956.

Miller, R. F. and Price, N. O.
Alleviation of molybdenum toxicity in the rat with inorganic sulfate. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 564. 1956.

Windmueller, H. G. and Engel, R. W.
Alterations in casein by exposure to ethylene oxide. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 386. 1956.

WASHINGTON

Family and Food Economics

LeBovit, C. and Clark, F.
Household practices in the use of foods. Three cities, 1953. U.S. Dept. Agr. Agr. Inform. Bul. 146, 90 p. 1956. (Coop: Washington Agr. Expt. Sta.)

Van Syckle, G.
Consumption of fresh and evaporated milk and dry milk solids. Amer. Dietet. Assoc. J. 31(12): 1228-1231. 1955.

Van Syckle, C.
A note on meat buying in Everett, Washington. J. Home Econ. 47(8): 621-622. 1955.

Van Syckle, C.
Use and purchase of eggs among city families. J. Home Econ. 48(4): 276-277. 1956.

Food Processing

Hard, M. M. and Ross, E.
Dielectric scalding of spinach, peas, and snap beans for freezing preservation. Food Technol. 10(6): 241-244. 1956.

WASHINGTON (continued)

Food Processing (continued)

O'Brien, R. T., Titus, D. S., Devlin, K. A., Stumbo, C. R. and Lewis, J.C.
Antibiotics in food preservation. II. Studies on the influence of subtilin and nisin on the thermal resistance of food spoilage bacteria. Food Technol. 10(8): 352-355. 1956. (Coop: USDA)

Food Quality

Spencer, J. V., Matson, W. E., Stadelman, W. J., and Ahrens, M. C.
The effect of cooling and freezing procedures on consumer acceptability factors of turkey meat. Food Technol. 10(1): 16-18. 1956. (Coop: USDA)

Housing

Bennion, M. P.,Webster, M. K., Thorne, A. C. and Taylor, F. G.
Farm kitchens. Utah Agr.Expt. Sta. Bul. 389, 22 p. 1956. (Coop: Ariz., Calif., Colo., Mont., and Utah Agr. Expt. Stas. and USDA)

Thorne, A. C., Taylor, F. G., Hurst, R. L. and Bennion, M. P.
Space required to store food in western farm kitchens. Utah Agr.Expt. Sta. Bul. 388, 18 p. 1956. (Coop: Ariz., Calif., Colo., Mont. and Utah Agr. Expt. Stas. and USDA)

Nutrition and Diet

Hard, M. M. and Esselbaugh, N. C.
Nutritional status of selected adolescent children. I. Description of subjects and dietary findings. Amer. J. Clin. Nutr. 4(3): 261-268. 1956.

Jacobson, F. L., Esselbaugh, N. C. and Hard, M. M.
Dental caries experience among Washington-born and -reared freshman students at the State College of Washington in 1950. J. Dental Res. 35(1): 132-136. 1956.

WASHINGTON (continued)

Nutrition and Diet (continued)

Wilcox, E. B., Gillum, H. L. and Hard, M. M.
Cooperative nutritional status studies in the Western Region. I. Nutrient intake. Utah Agr. Expt. Sta. Bul. 343, 44 p. (1956). (Coop: Ariz., Calif., Colo., Idaho, Mont., Oregon and Utah Agr. Expt. Stas. and USDA)

Miscellaneous

Agricultural and home economics research progress report No. 8, May 1956. Washington State College Extens. Misc. Publ. 42, 1956.

WEST VIRGINIA

Family and Food Economics

Nybroten, N.
Consumer preferences for poultry meat. West Virginia Agr. Expt. Sta. Bul. 389, 19 p. 1956.

Nybroten, N.
Pricing chicken fryer parts by style of cutting. West Virginia Agr. Expt. Sta. Cir. 99, 8 p. 1956.

WISCONSIN

Food Composition and Nutritive Value

Alexander, J. C. and Elvehjem, C. A.
Isolation and identification of nitrogenous components in meat. J. Agr. & Food Chem. 4(8): 708-711. 1956.

Aronson, J. N. and Elvehjem, C. A.
The hydroxyproline content of animal tissues. Food Res. 21(1): 109-111. 1956.

Berger, M., Hein, L. W., Teply, L. J., Derse, P. H. and Krieger, C. H.
Vitamin, mineral, and proximate composition of frozen fruits, juices, and vegetables. J. Agr. & Food Chem. 4(5): 418-425. 1956.

WISCONSIN (continued)

Food Preparation and Utilization

Bennion, M. and Hanning, F.
Decomposition of lard in the frying of French-fried potatoes and of fritter-type batters. J. Home Econ. 48(3): 184-188. 1956.

Food Quality

Bennion, M. and Hanning, F.
Color changes of fats involved in the frying of a fritter-type batter. Food Technol. 10(6): 290-292. 1956.

Bennion, M. and Hanning, F.
Effect of different fats and oils and their modification on changes during frying. Food Technol. 10(5): 229-232. 1956.

Buck, P. A. and Weckel, K. G.
Study of consumer preference of salt and sugar levels in canned green beans. Food Technol. 10(9): 421-423. 1956.

Cheng, R. C. and Hanning, F.
Phenolic compounds in potato tissue. Food Res. 20(5): 506-511. 1955.

Hagedorn, D. J., Holm, L.G. and Torrie, J. H.
Yield-quality relationships as influenced by maturity of canning peas. Wisconsin Agr. Expt. Sta. Res. Bul. 187, 15 p. 1955.

Thomsen, L. C.
Effect of variations in the manufacturing process on body and texture of butter with special emphasis on spreadability. Milk Prod. J. 46(10): 21-23, 33, 34,36,38,40,42. 1955.

Home and Institutional Management

Cowles, M. L. and Dietz, R. P.
Time spent in homemaking activities by a selected group of Wisconsin farm homemakers J. Jome Econ. 48(1): 29-35. 1956.

WISCONSIN (continued)

Housing

Hodgell, M. R.
Contemporary farmhouses. Flexiplan 71204. Illinois Agr. Expt. Sta. Bul. 600, 22 p. 1956. (North Central Reg. Publ. 53), Univ. Illinois Press, Urbana, 1956. (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak. and S. Dak. Agr. Expt. Stas. and USDA)

Nutrition and Diet

Arata, D., Svenneby, G., Williams, J. N., Jr. and Elvehjem, C. A.
Metabolic factors and the development of fatty livers in partial threonine deficiency. J. Biol. Chem. 219(1): 327-333. 1956.

Benton, D. A., Harper, A. E. and Elvehjem, C. A.
The effect of different dietary fats on liver fat deposition. J. Biol. Chem. 218(2): 693-700. 1956.

Benton, D. A., Harper, A. E., Spivey, H. E. and Elvehjem, C. A.
Leucine, isoleucine and valine relationships in the rat. Arch. Biochem. & Biophys. 60(1): 147-155. 1956.

Benton, D. A., Harper, A. E., Spivey, H. E. and Elvehjem, C.A.
Phenylalanine as an amino acid antagonist for the rat. Arch. Biochem. & Biophys. 60(1): 156-163. 1956.

Brewer, W. D., Swanson, P., Burrill, L., Leichsenring, J., Linkswiler, H., Reynolds, M. and Mangel, M.
Daily nitrogen retentions of aging women on self selected diets. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 544. 1956. (Coop: Iowa, Mich., Minn., Mo. and Nebr. Agr. Expt. Stas.)

WISCONSIN (continued)

Nutrition and Diet (continued)

Chaloupka, M., Williams, J. N., Jr. and Reynolds, M. S.
Relative roles of niacin and tryptophan in maintaining pyridine nucleotides, nitrogen balance and growth. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 546. 1956.

Chiao, J. S. and Peterson, W. H.
Some factors affecting the inhibitory action of thiamine on the growth of Saccharomyces carlsbergensis. Arch. Biochem. & Biophys. 64(1): 115-128. 1956.

Cleland, W. W. and Johnson, M. J.
Studies on the formation of oxalic acid by Aspergillus niger. J. Biol. Chem. 220(2): 595-606. 1956.

Coleman, D. L., Wells, W. W. and Baumann, C. A.
Intestinal sterols. II. Determination of coprostanol and certain related sterols. Arch. Biochem. & Biophys. 60(2): 412-418. 1956.

Cramer, J. W. and Steenbock, H.
Calcium metabolism and growth in the rat on a low-phosphorus diet as affected by vitamin D and increases in calcium intake. Arch. Biochem. & Biophys. 63(1): 9-13. 1956.

Cramer, J. W., Porrata-Doria, E. I. and Steenbock, H.
Effect of growth hormone and vitamin D on rats on a low-Ca normal-P diet. Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I,547. 1956.

Cramer, J. W., Porrata-Doria, E. I. and Steenbock, H.
A rachitogenic and growth-promoting effect of citrate. Arch. Biochem. & Biophys. 60(1): 58-63. 1956.

DeLuca, H. F., Gran, F. C. and Steenbock, H.
Vitamin D and citrate oxidation. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 241. 1956.

WISCONSIN (continued)

Nutrition and Diet (continued)

DeLuca, H. F. and Steenbock, H.
Vitamin D and plasma phosphatase in the rat.
J. Biol. Chem. 222(2): 937-944. 1956.

Deshpande, P. D., Harper, A. E., Quiros-Perez, F. and Elvehjem, C. A.
Further observations on the improvement of polished rice with protein and amino acid supplements.
J. Nutr. 57(3): 415-428. 1955.

Elvehjem, C. A.
Amino acid balance in nutrition. Amer. Dietet. Assoc. J. 32(4): 305-308. 1956.

Elvehjem, C. A.
Amino acid imbalance. Fed. Proc. (Fed. Amer. Soc. Exptl. Biol.) 15(3): 965-970. 1956.

Elvehjem, C. A.
Corn in human nutrition. Proc. Fourth Annual Meeting, Agr. Res. Inst. (Nat. Acad. Sci., Nat. Res. Counc.), Washington, October17-18, 1955, p.82-86. 1955.

Elvehjem, C. A.
Problems in meeting amino acid requirements.
Amer. Dietet. Assoc. J. 32(10): 921-925. 1956.

Eppright, E. S., Jebe, E., Sidwell, V. D., Marlatt, A.L., Northam, J. I., Bischoff, G. A., Clark, R. M., McGrath, B. C., Loose, B. L., Cellucci, H. W., Patton, M. B., Gluvas, S. B., Tyrell, D., Basnett, D. T., Glenn, G., Adrian, F., Bowser, M. and Anderson, B.
Nutrition of 9-, 10- and 11-year-old public school children in Iowa, Kansas and Ohio. I. Dietary findings. Iowa Agr. Expt. Sta. Res. Bul. 434, p.614-631. 1955. (North Central Reg. Publ. 59) (Coop: Ill., Ind., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio and S. Dak. Agr. Expt.Stas. and USDA)

Ericson, L.-E. and Harper, A. E.
Effect of diet on the betaine-homocysteine transmethylase activity of rat liver. I. Amino acids and proteins. J. Biol. Chem. 219(1): 49-58. 1956.

WISCONSIN (continued)

Nutrition and Diet (continued)

Ericson, L.-E., Harper, A. E., Williams, J. N., Jr. and Elvehjem, C. A.
Effect of diet on the betaine-homocysteine transmethylase activity of rat liver. II. Vitamin B_{12}. J. Biol. Chem. 219(1): 59-67. 1956.

Ericson, L.-E. and Harper, A. E.
Effect of diet on betaine-homocysteine transmethylase of rat liver. III. B-vitamins other than Vitamin B_{12}. Soc. Expt. Biol. & Med. Proc. 90(1): 298-300. 1955.

Finlayson, J. S. and Baumann, C. A.
Growth responses of spaced-fed rats. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 551. 1956.

Gessert, C. F. and Phillips, P. H.
Adverse effects of some amino acid supplements in low-protein diets for growing dogs. J. Nutr. 58(3): 423-431. 1956.

Gessert, C. F. and Phillips, P. H.
Protein in the nutrition of the growing dog. J. Nutr. 58(3): 415-421. 1956.

Gilboe, D. D. and Williams, J. N., Jr.
Colorimetric method for rapid determination of arginase activity. Soc. Exptl. Biol. & Med. Proc. 91(4): 537-539. 1956.

Gilboe, D. G. and Williams, J. N., Jr.
Evaluation of the Sakaguchi reaction for quantitative determination of arginine. Soc. Exptl. Biol. & Med. Proc. 91(4): 535-536. 1956.

Halliday, J. W. and Anderson, L.
The synthesis of myo-inositol in the rat. J. Biol. Chem. 217(2): 797-802. 1955.

Hayman, S., Shahinian, S. S., Williams, J. N., Jr. and Elvehjem, C. A.
Effect of 3-acetylpyridine on pyridine nucleotide formation from tryptophan and niacin. J. Biol. Chem. 217(1): 225-228. 1955.

WISCONSIN (continued)

Nutrition and Diet (continued)

Heinicke, H. R. and Elvehjem, C. A.
Effect of high levels of fat, lactose, and type of bulk in guinea pig diets. Soc. Exptl. Biol. & Med. Proc. 90(1): 70-72. 1955.

Heinicke, H. R., Harper, A. E. and Elvehjem, C. A.
Protein and amino acid requirements of the guinea pig. I. Effect of carbohydrate, protein level and amino acid supplementation; II. Effect of age, potassium and magnesium and type of protein. J. Nutr. 57(4): 483-496; 58(2): 269-280. 1956.

Herting, D. C. and Steenbock, H.
Vitamin D and gastric secretion. J. Nutr. 57(4): 469-482. 1955.

Marlatt, A. L., Eppright, E. S., Patton, M.B., and Hathaway, M. L.
Nutrition of children in three selected schools in Iowa, Kansas, and Ohio: a pilot study. Kansas Agr. Expt. Sta. Techn. Bul. 81, 72 p. 1956. (Coop: Ill., Iowa, Kans., Mich., Minn., Mo., Nebr., N. Dak., Ohio and S. Dak. Agr. Expt. Stas. and USDA) (North Central Publ. 70)

Marquez, L.R. and Reynolds, M. S.
Intake and elimination of vitamin B6 and metabolites by women. I. Non-pregnant women. Amer. Dietet. Assoc. J. 31(11): 1116-1118. 1955.

Phillips, P. H.
Recent progress in dietary research and dental caries. Amer. Dietet. Assoc. J. 32(2): 110-114. 1956.

Pileggi, V. J., DeLuca, H. F., Cramer, J. W. and Steenbock, H.
Citrate in the prevention of rickets in rats. Arch. Biochem. & Biophys. 60(1): 52-57. 1956.

WISCONSIN (continued)

Nutrition and Diet (continued)

Santiago, L. S., Waldorf, M. A., McMillan, M. and Parsons, H. T.
Metabolism of folic acid by human subjects. Abs. in Fed. Proc. (Fed. Amer. Socs. Exptl. Biol.) 15(1) Pt.I, 346. 1956.

Steenbock, H. and Herting, D. C.
Vitamin D and growth. J. Nutr. 57(4): 449-468. 1955.

Taketa, F., Constant, M. A., Perdue, H. S. and Phillips, P. H.
Maternal diet and resistance to dental caries in the cotton rat. J. Nutr. 58(4): 519-527. 1956.

Tulpule, P. G. and Williams, J. N., Jr.
Relationship of dietary protein and food intake to pyridoxine nutrition in the rat. J. Nutr. 57(4): 529-539. 1956.

Tulpule, P. G. and Williams, J. N., Jr.
Study of the role of essential fatty acids in liver metabolism. J. Biol. Chem. 217(1): 229-234. 1955.

Turner, E. R. and Reynolds, M. S.
Intake and elimination of vitamin B6 and metabolites by women. II. Pregnant women. Amer. Dietet. Assoc. J. 31(11): 1119-1120. 1955.

WYOMING

Family and Food Economics

Stevens, I. M., Sargent, F. O., Thiessen, E. J., Schoonover, C. and Payne, I.
Beef...consumer use and preference. Colorado Agr. Expt. Sta. Bul. 495-S, 16 p. 1956. (Coop: Wyoming Agr. Expt. Sta.)

Stevens, I. M., Sargent, F. O., Thiessen, E. J., Schoonover, C. and Payne, I.
Beef...consumer use and preferences. Wyoming Agr. Expt. Sta. Bul. 340, 16 p. 1956.

Stevens, I. M., Sargent, F. O., Thiessen, E. J. and Schoonover, C.
Consumer preference for beef. Wyoming Agr. Expt. Sta. Mimeo. Circ. 60, 94 p. 1955. (Coop: Colorado Agr. Expt. Sta.)

WYOMING (continued)

Family and Food Economics (continued)

Stevens, I.
How do you like your beef? Wyoming Round-up (Wyoming Agr. Expt. Sta.) 3(2): 4-5. 1955.

Food Preparation and Utilization

Thiessen, E. J.
Dried whey and milk health drinks. Dairy Counc. of Wyoming folder, n.d. (1956) (Developed at Univ. of Wyoming Agr. Expt. Sta. Home Econ. Res. Lab.)

Food Processing

Thiessen, E. J.
Grow right--pack right--and frozen vegetables will taste right. Wyoming Round-up (Wyoming Agr. Expt. Sta.) 3(2): 3. 1955.

Thiessen, E. J.
Jams and jellies. How you can make them-without cooking. Wyoming Round-up (Wyoming Agr. Expt. Sta.) 3(4): 7, 14. 1956.

Thiessen, E. J.
Vegetable varieties and high-altitude freezing. Wyoming Agr. Expt. Sta. Bul. 335, 34 p. 1955.

Textiles and Clothing

Burns, R. H., Parker, L. C. and Johnston, A.
Washing shorn wool for home use. Wyoming Agr. Expt. Sta. Cir. 63, 7 p. 1956.